

## The OARS LIST: Organizations Addressing Resilience & Sustainability

**A world of solutions and assignments...*"should WE choose to accept them."***

**V.35 • Jan. 1, 2017**

**This month's new listings highlighted in blue in the INDEX**



**The OARS LIST - Organizations Addressing Resilience and Sustainability**  
**[www.TheOARSlist.com](http://www.TheOARSlist.com)**

***Organizations "pulling at the oars" to achieve resilience in the U.S. and across the world.***

***Reference to publications and training resources, membership services, grants, and job postings of career and intern opportunities.***

The OARS LIST is impartial and non-partisan. Organizations are cited from web listing and do not indicated endorsement. The OARS LIST may be freely distributed in support of our shared endeavors to be accurately informed with best practices in creating resilient communities.

The list is not all-inclusive. Many valuable efforts and resources deserve to be added.

**Your comments/corrections/suggestions are greatly appreciated.**

**Editor: Donald Watson** email: [EarthRise001@SBCglobal.net](mailto:EarthRise001@SBCglobal.net)

### **\*\*\*\*\* HIGHLIGHT – AMONG NEW LISTINGS Jan. 1, 2017**

Among many new listings (noted in blue in the Index), be sure to check out this new citation:

#### **Journalists's Resource**

**URL:** <http://journalistsresource.org/>

**Description:** Based at Harvard's Shorenstein Center on Media, Politics and Public Policy, Journalist's Resource examines news topics through a research lens. We surface scholarship relevant to media practitioners, bloggers, educators, students and general readers. Our philosophy is that peer-reviewed research studies can, at the very least, help anchor journalists as they navigate difficult terrain and competing claims.

**Resources:** weekly e-mail feed, studies, curricula syllabi, journalism tip sheets reports, data keyword searchable (extensive): environment, climate, sustainability, cities, ecology, food, energy, law, journalism standards.

## ACKNOWLEDGEMENTS

OARS list is circulated freely, courtesy of colleagues and organizations, including the websites:

**NHMP Natural Hazard Mitigation Association** [nhma.info](http://nhma.info)

**Recovery Diva** [recoverydiva.com](http://recoverydiva.com)

**Redevelopment Institute** [redevelopmentinstitute.org](http://redevelopmentinstitute.org)

Other resource lists and portals:

- **GCRI Organization Directory** Global Catastrophic Risk Institute. 130 organizations (international) job searches, networking, GCR community. [gcrinstitute.org/tag/organization-directory/](http://gcrinstitute.org/tag/organization-directory/)
- **Journalist's resource** website with searchable data base for research all topics (news), e.g., climate, disaster, environment, etc. <http://journalistsresource.org/>
- **Natural Hazard Center** website lists approx. 100 organizations that specialize in disaster mitigation research and practice. [www.colorado.edu/hazards](http://www.colorado.edu/hazards)
- **Quarantelli Collection at Disaster Research Center, U. Delaware** including **EMForum Archive** accessible for research/scholarship. [www.udel.edu/...ResourceCollection](http://www.udel.edu/...ResourceCollection)

### Publications/Webinars by Donald Watson

Donald Watson and Michele Adams (2011) *Design for Flooding: Resilience to Climate Change* (Wiley)

Donald Watson, editor (2001) *Time-Saver Standards for Urban Design* (McGraw-Hill)

*Suddenly, nothing was ever the same: Post-Sandy* (2014) Webinar - Redevelopment Institute

*Bioclimatic Design Principles and Practices* [www.academia.edu/24461422/BIOTRIMATICDESIGN](http://www.academia.edu/24461422/BIOTRIMATICDESIGN) Principles



## WHAT IS INCLUDED IN THE OARS AND WHY

**SAFETY HEALTH ECONOMY CLIMATE ENERGY FOOD WATER CITIES INFRASTRUCTURE GOVERNANCE**



PHOTO: Noel Celis/AFP Leyte, The Philippines

### Climate as the defining challenge of our epoch

Changing climate and the global scale of land and urban development have “reached the skies” as atmospheric degradation, and “changed the seas” as warming, acidification, ice shelf loss, and sea level rise—anomalies identified by pioneering scientists more than 50 years ago—now evident from coastal shore to mountain in species threat, mortality and disease, and weather-related disasters.



### The nexus of public health, safety, economic and humanitarian values

Policies and practices for health and safety, environmental conservation and protection, emergency management and disaster response, job creation and economic opportunity—fashioned over decades in separate laws and practices—are interconnected and mutually dependent, with human dignity an overriding pledge of ethical / religious values and civic governance to establish fairness and justice for all. A weak-link or failure of one cannot be addressed alone or apart. The advancement of one helps all.

## INDEX

**Acadia Center****ACSE-SEI Sustainability Committee** (Amer. Society of Structural Engineers - Structural Engineers Institute)**Adaptation at Scale in Semi-Arid Regions (ASSAR)****Adaptation Clearinghouse** - See **Georgetown Climate Center****Adaptation International, Inc.****Adaptive Resource Center (ARC-X)** - EPA**Advisory Committee on Water Information (ACWI)** Water Information Coordination Program (WICP)**All Hazards Consortium (AHC)** - **Emergency Network****Alliance for a Sustainable Future** [in progress]**Alliance for Global Water Adaptation****Alliance for Innovation** - Arizona State University College of Public Programs**Alliance for Regeneration, Inc.****American Carbon Registry****American Council for an Energy-Efficient Economy****American Geophysical Union (AGU)****American Ground Water Trust (AGWT)****American Institute of Architects** - Design, Disaster Assistance, Sustainability and Resilience Programs**American Military University (AMU)****American Planning Association (APA)** - **Hazard Planning Research Center****American Society of Adaptation Professionals (ASAP)****American Society of Civil Engineers (ASCE)****American Solar Energy Society (ASES)****American Water Works Association (AWWA)****Architecture 2030****Architecture for Humanity** (closed – remove from list)**[ARCUS Foundation](#)****AskNature.com****Aspen Global Change Institute (AGCI)****ASPR TRACIE** (Technical Resources, Assistance Center, Information Exchange) - *also see* U.S. HSS**Association of Climate Change Officers (ACCO)****Association of Contingency Planners****Assoc. for Environmental Studies and Sciences (AESS)** / **National Council Science and Environment****Association of Healthcare Emergency Preparedness Professionals (AHEPP)****Association of State Flood Plain Managers (ASFPM)****Association of State Wetland Managers (ASWM)****ATTRA** – **National Sustainable Agriculture Information Service** - NCAT**BEEnow** (Built Environment Education)**Biositu****Blessed Tomorrow: Interfaith Coalition on Climate Change****BlueGreenCities****Bloomberg Philanthropies: Mayors Challenge****Build Change****Building Materials Reuse Association****BuildingGreen LLC** - *Environmental Building News***Building Resilience Workshop****Building Resilient Communities Faith Based Coalition****Built Environment Coalition****Bulletin of the Atomic Scientists****Business for Innovative Climate and Energy Policy (BICEP)**

C40 Cities Climate Leadership Group (C40)  
 CAFOD (Catholic Agency for Overseas Development)  
 Canadian Institute for Catastrophic Loss Reduction (ICLR)  
 Carbon Brief  
 Carbon Dioxide Information Analysis Center (CDIAC)  
 Carbon Disclosure Project (CDP)  
 Carbon Mitigation Institute Princeton Environmental Institute  
 Carbon Tracker Initiative  
[Carbon War Room](#)  
 Caribbean Disaster Mitigation Project (CDMP OAS)  
 Center for American Progress (CAP)  
 Center for Biological Diversity  
 Center for Clean Air Policy (CCAP)  
 Center for Climate and Energy Solutions (C2ES)  
 Center for Climate and Security  
 Center for Climate Change Communication - George Mason University  
 Center for Climate Change Impacts Adaptation & Modeling (Portugal)  
[Center for Climate Preparedness and Community Resilience – Antioch University New England](#)  
 Center for Climate Strategies (CCS)  
 Center for Disaster Philanthropy (CDP)  
 Center for Disease Control Foundation (CDC)  
 Center for Hazards Assessment, Response & Technology - Univ. of New Orleans (UNO-CHART)  
 Center for Homeland Defense and Security Naval Post Graduate School & U.S. DHS (CHDS)  
 Center for Neighborhood Technology  
 Center for Rebuilding Sustainable Communities after Disasters (CRSCAD) U. Massachusetts Boston  
 Center for Regional Disaster Resilience (CRDR)  
 Center for Resilience Design - New Jersey Institute of Technology  
 Center for Science and Technology Policy Research (CSTPR)  
 Center for Sustainable Community Design (CSCD) Institute for the Environment - U. North Carolina  
 Center for Watershed Protection Association (CWPA)  
 Centre for Research on the Epidemiology of Disasters (CRED)  
 Ceres  
 CITI IO  
 Citizen Engagement Laboratory (CEL) Climate Lab  
 Citizens' Climate Lobby (CCL)  
 Citizens' Institute of Rural Design (CIRD)  
 Citizen Science Academy  
[City Energy Project \(NRDC – IMT joint project\)](#)  
 Clean Coalition  
 Clean Energy Group (CEG)  
 Clean Water Action  
 Climate Access  
 Climate Action Fund (New World Foundation)  
 Climate Adaptation Knowledge Exchange (CAKE) *see* EcoAdapt  
 Climate Analytics  
 Climate and Clean Air Coalition  
 Climate and Development Lab - Brown University  
 Climate Brief  
 Climate Center University of Michigan - *see* Graham Sustainability Institute  
 Climate Central  
 Climate Change Resilient Development Program (CCRD) U.S. AID  
 Climate Change Science Institute at Oak Ridge National Laboratory  
 Climate Explorer (NOAA)

Climate Feedback  
 Climate Focus  
 Climate Group - *see* The Climate Group  
 Climate Institute  
 Climate Interactive  
 Climate Impacts Research Consortium (CIRC)  
 Climate Justice Initiative - NAACP  
 Climate Knowledge Brokers Group - REEEP  
 Climate-L - *see* International Institute for Sustainable Development (IISD)  
 Climate Law Institute - *see* Center for Biological Diversity  
 Climate Leadership Network - *see* Second Nature  
 Climate Mobilization - *see* The Climate Mobilization  
 Climate News Digest  
 Climate Ready Water Utilities (CRWU) - EPA  
 Climate Reality Project  
[Climate Resource Center - NASA](#)  
 Climate Risk Management Journal  
 Climate Smart Communities - New York State NYSDERDA / NY DEC  
 Climate Solutions  
 Climate Solutions University - *see* Model Forest Policy Program  
 Climate Strategies  
 Climate Technology Centre & Network (CTCN)  
 ClimateWire (E&E Publishing, LLC)  
 ClimateWise  
 Clinton Global Initiative (CGI)  
 Coastal Connection e-Newsletter  
 Coastal Hazards and Adaptation Coastal Program - State of New Hampshire  
 Coastal News Today  
 Coastal Resilience Network - The Nature Conservancy  
 Coastal Resources Center University of Rhode Island  
 Cobra - *see* Project COBRA  
 Code for Resilience (C4R)  
 Columbia Law School Center for Climate Change Law (Sabin Center)  
 Comet Program  
 Commission for Environmental Cooperation (CEC)  
 Community & Regional Resilience Institute (CARRI)  
 Community Commons  
 Community Matters - *also see* Orton Family Foundation  
 Community Resilience Building  
 Connecticut Institute for Resilience and Climate Adaptation (CIRCA) – Univ. of Connecticut  
 Connect4Climate  
 Consensus Institute - The Green Dot Project  
 Conservation International  
 Consortium of Climate Risk in the Urban Northeast (CCRUN)  
 CoreLogic, Inc.  
 Council of Energy Research and Education Leaders (CEREL) – NCSE  
 Cradle to Cradle PRODUCTS innovation Institute  
 CrisisHQ  
 CROs - Community Resilience Organizations Vermont  
 CUNY Institute for Sustainable Cities (CISC)  
 CZMA Climate Change and Coastal Hazards (NOAA)  
  
 Digital Coast Connections - NOAA Coastal Services Center



Disaster Center - U.S. Department of Homeland Security  
 Disaster Collaboratory  
 Disaster Conferences  
 Disaster Recovery Plan Template  
 Disaster Research Center  
 Disaster Resiliency Digest – *See* Disaster Resistant Communities Group (DRCG)  
 Disaster Resilient Universities Network  
 Disaster Resistant Communities Group (DRCG)  
 Disaster Risk Management Knowledge Center (DRMKC)  
 Disaster Safety Movement / Risk Mitigation Leadership Forum  
[Doris Duke Charitable Foundation](#)  
 Dutch Dialogues  
  
 EarthStat  
 Earth Economics  
 Earth Institute - Global Roundtable on Climate Change  
 Earth Justice  
 Earth Negotiations Bulletin (ENB) - *see* International Institute for Sustainable Development (IISD)  
 Earth Sciences and Resources Institute / Geodesign  
 EcoAdapt  
 EcoDistricts  
 Ecological Society of America (ESA)  
 Ecosystem-Based Management (EBM) Tools Network  
 Ecosystem Services Partnership (ESP)  
 EcoWorld News  
 Ellen MacArthur Foundation  
 Emergency Information Infrastructure Project (EIIP) / EM Forum  
 Emergency Management Institute  
 Emergency Management News  
 Empowered Communities Program - *see* Neighborhood Empowerment Network  
 Energy Design Tools  
 Energy Information Agency - *see* U.S. Energy Information Agency  
 Enterprise Green Communities  
 Environmental & Disaster Management Help Desk  
 Environmental Defense Fund (EDF)  
 EO Kids  
 EONET: The Earth Observatory Natural Event Tracker – *see* NASA Earth Observatory  
 EPA Adaptive Resource Center – *see* Adaptive Resource Center (ARC-X)  
 EPA Climate Change  
 EPA Coastal Adaptation Toolkit  
 EPA Power Profiler  
 European Environment Agency  
 European Sustainable Cities Platform  
 Every Woman Every Child (EWEC)  
 Extreme Events Institute - Florida International University  
  
 FE2W Network Food Energy Environment Water  
 Federal Alliance for Safe Homes (FLASH)  
 Federal Emergency Management Administration (FEMA) - *see* U.S. FEMA  
[Federation of Earth Science Information Partners \(ESIP\)](#)  
 FEMA National Advisory Council - *see* National Advisory Council  
 FierceGovernment Homeland Security  
 FLARE Network

Floodsmart.gov

Florida Climate Institute

Florida Earth Foundation

Fire Adapted Communities Learning Network (FAC)

Focus on Floods - The Nurture Nature Center

Food and Water Watch

Four Twenty Seven Climate Solutions, Inc. (427)

Forest Trends

Frameworks Institute

Friends Committee on National Legislation (FCNL)

Full-Spectrum Risk Knowledgebase (FEMA)

[Futureearth \(Future Earth\)](#)

Futurewise

Garrison Institute Climate, Mind, Behavior Program

Georgetown Climate Center (Adaptation Clearinghouse)

GEOS Institute

German Development Institute (GDI) Deutsches Institut für Entwicklungspolitik

Global Call for Climate Action (GCCA)

Global Carbon Capture and Storage Institute

[Global Carbon Project \(GCP\)](#)

Global Catastrophic Risk Institute (GCRI)

Global Change Master Directory (GCMD) - NASA

GlobalChange.gov - *see* U.S. Global Change Research Program

Global Climate Change Week

Global Commission on the Economy and Climate – The New Climate Economy

Global Energy Initiative

Global Facility for Disaster Reduction and Recovery (GFDRR)

Global Footprint Network

[Global Green Institute \(GGGI\)](#)

Global Green USA

Global Humanitarian Assistance Program (GHA)

Global Resilience Initiatives (GRI)

Global Resilience Systems

Global Water Forum (UNESCO)

Governing - e-Newsletters

Government Technology Solutions for State and Local Government

Graham Sustainability Institute - Climate Center University of Michigan

GreenBuilder Media

Greenhouse Gas Management Institute

Green Building Initiative

Green Climate Fund

Green Infrastructure Center (GIC)

Guardian Cities

Homeland Security Digital Library (HSDL)

Homeland Security Affairs

Homeland Security News Wire

Homeland Security Watch

Humanitarian OpenStreetMap Team (HOT)

Hyogo Framework for Action – *see* United Nations Office for Disaster Risk Reduction (UNISDR)

ICLEI USA - *see* Local Governments for Sustainability



**Infrastructure and Climate Network****Initiative for a Competitive Inner City (ICIC)****Initiative for Climate Action Transparency (ICAT)****Inside Climate News (ICN)****Institute for Community Resiliency and Climate Adaptation Academy - Univ. of Connecticut****Institute for Crisis, Disaster and Risk Management****Institute for Defense and Government Advancement (IDGA)****Institute for Governance and Planning Development****Institute for Market Transformation (IMT)****Institute for Policy Studies (IPS)****Institute for Social and Environmental Transition-International (ISET-International)****Institute for Sustainable Communities (ISC)****Institute for Water Resources (IWR) – U.S. Army Engineer Institute****Insurance Institute for Business & Home Safety (IBHS)****[Intact Centre on Climate Adaptation \(ICCA\) – University of Waterloo](#)****Intergovernmental Panel on Climate Change (IPCC - UNEP)****Intergovernmental Sustainable Development Agenda (ISDA)****International Association for Urban Climate****International Association of Emergency Managers (IAEM)****International Carbon Action Partnership (ICAP)****International Centre for Climate Change and Development (ICCCAD)****[International Centre for Integrated Mountain Development \(ICIMOD\)](#)****International Climate Change Information Programme (ICCIP)****International Disaster and Risk Conference (IDRC)****International Disaster Conference & Expo (IDCE)****International Economic Development Council (IEDC)****International Energy Agency (IEA)****International Energy Alliance (IEA)****International Federation of Red Cross and Red Crescent Societies****International Institute for Sustainable Development (IISD) – Climate L****International Institute of Global Resilience (IIGR)****International Living Futures Institute (ILFI) - *also see:* Living Building Challenge Collaboratives****International Partnership on Mitigation and MRV****International Renewable Energy Agency (IRENA)****International Renewable Energy Alliance (REN Alliance)****International Research Institute for Climate and Society (IRI) – Columbia University****International Research Network for Low Carbon Societies (LCS-RNet)****International Risk Governance Council (IRGC)****International Sea Level Institute****International Union of Forest Research Organizations (IUFRO) - FLARE Conference****International Union for Conservation of Nature (IUCN)****International WELL Building Institute (IBWI)****Journal of Homeland Security and Emergency Management (JHSEM)****[Journalists's Resource](#)****Just in Time Training Library – *See* Disaster Resistant Communities Group****Kresge Foundation – Environmental Program****[Lancet Countdown](#)****Land Art Generator Initiative (LAGI)****Landscapes for People, Food, and Nature****Lawrence Berkeley National Laboratory**

**Level Market – see The Level Market****Lincoln Institute of Land Policy****Living Building Challenge Collaboratives - Ambassador Network****Living Cities****Living Shorelines Forum****Local Futures / SEC****Local Governments for Sustainability USA (ICLEI USA)****Local Government Commission (LGV)****Low Emissions Development Strategies (LEDS) Global Partnership****MacArthur Foundation****MCEER: Earthquake Engineering to Extreme Events University at Buffalo SUNY****MIT Climate CoLab - Massachusetts Institute of Technology****MitigationMovement****Model Forestry Policy Program - Sustainable Forests for Water and Climate Protection****Mongabay.com****Multihazard Mitigation Council of the National Institute of Building Sciences (MMC NIBS)****NASA Earth Observatory****National Academies Resilient America Roundtable****National Adaptation Forum (NAF)****National Advisory Council (NAC)****National Association of County and City Health Officers (NACCHO)****National Association of Counties (NACo)****National Association of Development Associations (NADO)****National Association of State Energy Officials (NASEO)****National Center for Appropriate Technology (NCAT)****National Center for Atmospheric Research (NCAR) - National Science Foundation****National Center for Disaster Medicine & Public Health (NCDMPH)****National Center for Environmental Information (NOAA) – Climate at a Glance****National Climate Assessment - U.S. Global Change Research Program****National Climate Data Center - see NOAA National Centers for Environmental Information (NCEI)****National Coalition for Dialogue and Deliberation (NCDD)****National Council for Science and Environment (NCSE)****National Disaster Interfaiths Network (NDID)****National Disaster Preparedness Training Center University of Hawaii (NDPTC)****National Domestic Preparedness Consortium (NDPC)****National Drought Mitigation Center****National Ecosystem Services Partnership - Federal Resource Management /Ecosystem Services****National Emergency Management Association (NEMA)****National Emergency Training Center Library (U.S. Fire Administration)****National Fire Protection Association (NFPA)****National Flood Determination Association****National Hurricane Center (NOAA)****National Hydrological Warning Council****National Institute of Building Sciences (NIBS)****National Institute of Standards and Technology (NIST)****National Integrated Heat Health Information System (NIHHIS)****National League of Cities (NLC)****National Main Street Center (NMSC) - National Trust for Historic Preservation****National Mitigation Alliance (NEMA NMA)****National Network for Ocean and Climate Change Interpretation (NNOCCI)****National Oceanic and Atmospheric Administration (NOAA)**

National Operations Center of Excellence (NOCoe)  
 National Park Service Climate Change Response Program (CCRP)  
 National Preparedness Community  
 National Safety Information Exchange (NSIE)  
 National Severe Storms Laboratory (NSSL) - NOAA  
 National Storm Smart Coasts Network  
 National Trust for Historic Preservation – Preservation Leadership Forum  
 National VOAD (Voluntary Organizations Active in Disaster)  
 National Working Waterfront Network (NWWN)  
 Nationally Appropriate Mitigation Action (NAMA)  
 Natural Capitalism Solutions  
 Natural Floodplain Functions Alliance (NFFA)  
 Natural Hazards and Earth System Sciences Journal (NHESJ)  
 Natural Hazards Center Univ. Colorado at Boulder  
 Natural Hazards Journal  
 Natural Hazard Mitigation Association (NHMA)  
 Natural Resources Conservation Service (NRCS) - USDA  
 Natural Resources Defense Council (NRDC) – Urban Solutions  
 Natural Step (TNS) - *see* The Natural Step  
 Nature Climate Change Journal  
 Nature Communications  
 Nature Conservancy - *see* Coastal Resilience Network The Nature Conservancy  
 NatureServe  
 ND Collaboratory for Adaptation to Climate Change  
 ND-GAIN Notre Dame Global Adaptation Index  
 Neighborhood Empowerment Network (NEN)  
 New Buildings Institute (NBI)  
 New City  
 New Climate Economy - *see* Global Commission on the Economy and Climate  
 New Climate Institute  
 New Economy Coalition  
 New England Environmental Alliance (NEEEA)  
 New England Grassroots Environment Fund - Community Resilient Organizations (CROs)  
 NextGen Climate  
 Nexus Dialogue on Water Infrastructure Solutions  
 NGO Sustainability, Inc.  
 NOAA National Centers for Environmental Information (NCEI)  
 NOAA National Sea Grant Resilience Toolkits  
[NOAA Storm Data](#)  
[Northeast Regional Ocean Council \(NROC\)](#)  
 Notre Dame Environmental Change Initiative (ND-ECI)  
 Nurture Nature Foundation  
  
 Oak Ridge National Laboratory CCSI - *see* Climate Change Science Institute  
 Oberlin Project  
 Oceana  
 Oceanspaces (California)  
 Office of the Federal Coordinator for Meteorology (OFCM) - U.S. Dept. Commerce  
 OpenChannels Forum for Ocean Planning and Management  
 OpenIDEO  
 OpenStreetMap - *see* Humanitarian OpenStreetMap  
 Organization for Economic Cooperation and Development (OECD)  
 Orton Family Foundation – Heart and Soul

Oxfam International Vulnerability and Risk Assessment (VRA)  
OzonAction

Pacific Islands Climate Change Cooperative (PICCC)  
Partnership for Action on Green Economy (PACE) - UNEP  
Partnership for Environment and Disaster Risk Reduction (PEDRR)  
[Partnership for Resilience and Preparedness \(PREP\)](#)  
Passive and Low Energy Architecture (PLEA)  
Pew Charitable Trusts Environmental Initiatives  
Planetary Boundaries Initiative (PBI)  
Planning Information Exchange –American Planning Association (APA)  
[Pocacito](#)  
Post Carbon Institute  
Powerhouse Growers  
Prepare My Business  
Prepared: National Health Security Preparedness Index (NHSPI)  
PreventionWeb - United Nations (UNISDR)  
Project COBRA  
Project Drawdown  
PropertyCasualty360  
Public Health Institute (PHI)  
Public Interest Design Institute  
Public Library of Science PLOS Currents disasters

Quaker Earthcare Witness (QEW)

RAND Resilience in Action  
Rate It Green  
Ready.gov.v  
RECOFTC - The Center for People and Forests  
Recovery Diva  
Redevelopment Institute  
Regenesis Group  
ResEcon: Land and Resource Economics Network  
Resilience Action Fund  
Resilient America Roundtable - *see* National Academies Resilient America Roundtable  
Resilient Communities for America (RC4A)  
Resilient Construction Coalition  
Resilient Design Institute (RDI)  
Resilience Hub  
Resilience Now  
Resilience.org  
[Resilience Dialogues](#)  
Resilient America - *see* National Academies Resilient America Roundtable  
Resilient Vermont  
Resources for the Future (RFF)  
Restore America's Estuaries (RAE)  
Restore Your Economy  
Risky Business Project  
Risk Management Solutions  
Risk Mitigation Leadership Forum - *see* Disaster Safety Movement  
RiverSmart Communities - UMassAmherst  
Rockefeller Foundation - 100 Resilient Cities Centennial Challenge

Rocky Mountain Land Use Institute (RMLUI)  
Rural Resilience Initiative (R4)

SciDev.Net

Science for Nature and People Partnership (SNAPP)

Science Without Borders - NY Academy of Sciences

[SDG Knowledge Hub – IISD](#)

Second Nature - Education for Sustainability

Security and Sustainability Forum (SFF)

SEED Network (Social Economic Environmental Design)

SHADE Institute - SHADE GROUP

Smart Growth America

SmarterSafer.org

Society of American Military Engineers (SAME)

Society for Ecological Restoration

Society of Building Science Educators (SBSE)

Society for Risk Analysis (SRA)

[Solutions Journal](#)

Species Alliance

STAR Communities - STAR Rating System

Star-Flood (Europe)

STEPS Centre

Stevenson Disaster Management Institute (SDMI) Louisiana State University

Strong Towns

Sustainable Buildings Industry Council (SBIC) - *see* National Institute of Building Sciences (NIBS)

Sustainable Cities Institute - National League of Cities

Sustainable City Network, Inc. (SCN)

Sustainable New Jersey

Sustainability and Security Forum (SSF)

Sustainability Consortium - *see* The Sustainability Consortium (TSC)

TACTIC Project

Tcktkck.org - *see* Global Call for Climate Action (GCCA)

The Climate Group

The Climate Mobilization (TCM)

The Energy and Resources Institute (TERI)

The Green Dot Project - *see* Consensus Institute

The Infrastructure Security Partnership (TISP) - *see* Infrastructure Security Partnership

[The Level Market](#)

The Natural Step (TNS)

The Sustainability Consortium (TSC)

The Video Project - *see* Video Project

Thomas Reuters Foundation

Thriving Resilient Communities Collaboratory (TRCC)

Transition USA (network)

2030 Districts – *see* Architecture 2030

UN-NGLS (United Nations Non-Governmental Liaison Service)

[UN CC: Learn](#)

UN WIRE

[UNITAR](#)

UN-REDD Programme

UNO-CHART - *see* Center for Hazards Assessment, Response & Technology - Univ. of New Orleans

Union of Concerned Scientists  
 United Nations Environment Programme (UNEP)  
 United Nations Foundation  
 United Nations Framework Convention on Climate Change (UNFCCC)  
 United Nations Institute for Training and Research (UNITAR)  
 United Nations PreventionWeb – *see* PreventionWeb  
 United Nations Office for Disaster Risk Reduction (UNISDR)  
 United Nations University Inst. Integrated Management of Material Fluxes and Resources (UNU-FLORES)  
 University Corporation for Atmospheric Research (UCAR)  
 Urban Climate Change Research Network (UCCRN)  
 Urban Land Institute (ULI)  
 Urban Sustainability Directors Network (USDN)  
 U.S. Agency for International Development CCRD - *see* Climate Change Resilient Development  
 U.S. Army Corps of Engineers (USACE) Building Resilience Website  
 U.S. Conference of Mayors (USCM)  
[U.S. Climate Action Network \(USCAN\)](#)  
 U.S. Climate Resilience Toolkit  
[U.S. Endowment for Forestry & Communities, Inc.](#)  
 U.S. Energy Information Administration (U.S. EIA)  
 U.S. Environmental Protection Agency (EPA)  
 U.S. FEMA Cooperating Technical Partners Program (CTP)  
 U.S. FEMA.gov. Communities National Preparedness Community Main Group  
 U.S. FEMA National Integration Center Strategic Resources Group (FEMA-NIMS)  
 U.S. FEMA Strategic Foresight Initiative on Natural Disaster Preparedness  
 U.S. Fish & Wildlife Service Conservation in a Changing Climate  
 U.S. Forest Service Climate Change Resource Center (CCRC)  
 U.S. Geological Service (USGS) - Science Application for Risk Reduction (SAFRR)  
 U.S. Global Change Research Program (USGCRP)  
 U.S. Green Building Council (USGBC)  
 U.S. Health and Human Services (HHS) Disaster Information Management Research Center (DIMRC)  
 U.S. Resiliency Council (USRC)  
 U.S. Water Alliance  
 U.S. White House - U.S. President's Climate Data Initiative  
 U.S. White House - Council on Environmental Quality - U.S. President's Climate Action Plan  
 U.S. White House - Dept. of Homeland Security - PPD-8: National Preparedness  
  
 Video Project - (The Video Project)  
 Virtual EMA (Emergency Management Association)  
[Visualizing Change](#)  
  
[Water Deeply](#)  
 Water Environment Research Foundation (WERF)  
 Water Footprint Network  
 Water Information Coordination Program (WICP) - *see* Advisory Committee on Water Information  
 Waterkeeper Alliance  
 WeADAPT  
 Weather and Climate Extremes Journal  
[Wetland Link International](#)  
 Wetlands International  
 Wheaton College – Humanitarian Disaster Institute (HDI)  
 Wildlife Conservation Society – Climate Adaptation Fund  
 Winrock International  
 Woods Hole Research Center

**World Bioenergy Association (WBA)**  
**World Business Council For Sustainable Development (WBCSD)**  
**World Cares Center (WCC)**  
**World Cities Network.ORG**  
**World Economic Forum**  
**World Energy Outlook – see International Energy Agency (IEA)**  
**World Humanitarian Summit**  
**World Ocean Observatory - Radio**  
**World Meteorological Organization (WMO)**  
**World Research Institute**  
**World Resources Institute (WRI)**  
**World Seagrass Association (WSA)**  
**World Tree Carbon Offsets Program**  
**World Wildlife Fund (WWF) Environment and Disaster Management Program**

**Yale Environmental 360 (Yale e360)**  
**Yale Forum on Religion and Ecology**

**Zero Energy Project**

## A

### **Acadia Center**

**URL:** <http://acadiacenter.org>

**Description:** Acadia Center is a non-profit, research and advocacy organization committed to advancing the clean energy future. Acadia Center is at the forefront of efforts to build clean, low-carbon and consumer-friendly economies. Acadia Center provides accurate and reliable information, and offers a real-world and comprehensive approach to problem solving through innovation and collaboration.

**Resources:** News & blog, reports, (searchable data base), Initiatives include Regional Greenhouse Gas Initiative (RGGI), Global Warming Solutions Project (GWSP).

### **ACSE-SEI Sustainability Committee (Amer. Society of Structural Engineers Structural Engineers Institute)**

**URL:** [seisustainability.org](http://seisustainability.org)

**Description:** Our mission is to advance the understanding of sustainability in the structural community, and to incorporate concepts of sustainability into structural engineering standards and practices.

**Resources:** Publications including: *Sustainability Guidelines for the Structural Engineer* (ASCE Press); *Disaster Resilience White Paper* (2015).

### **Adaptation at Scale in Semi-Arid Regions (ASSAR)**

**URL:** <http://assaradapt.org/>

**Description:** ASSAR's overarching research objective is to use insights from multiple-scale, interdisciplinary work to improve the understanding of the barriers, enablers and limits to effective, sustained and widespread adaptation out to the 2030s. Working in a coordinated manner across seven countries in India, East Africa, West Africa and Southern Africa, ASSAR's research is case study based and strives to integrate climatic, environmental, social and economic change.. Focal research themes in each region are: agro-intensification in West Africa; land and water access in East and Southern Africa; and land use, land cover and livelihood changes in India.

**Resources:** News blog, publications archive, reports, policy briefs,

### **Adaptation Clearinghouse – see Georgetown Climate Center**

### **Adaptation International, Inc.**

**URL:** [adaptationinternational.com](http://adaptationinternational.com)



**Description:** *Adaptation International focuses exclusively on helping communities, agencies, and organizations prepare for the impacts of climate change. A woman-owned small business, Adaptation International staff have been working on climate change preparedness for more than ten years and hold expertise in climate change science, public policy, spatial analysis, public health, transportation, strategic planning, conservation planning, stakeholder involvement and outreach. Adaptation International specializes in bridging the gap between climate change science and community action by conducting climate vulnerability assessment and working alongside our clients to develop the tools and strategies necessary to respond to a changing climate.*

**Resources:** Consulting services include “Resilience Action Network” prototype toolkit to search and share adaptation strategies.

#### **Adaptive Resource Center (ARC-X) – EPA**

**URL:**

**Description:** *EPA’s Adaptation Resource Center (ARC-X) is an interactive resource to help local governments effectively deliver services to their communities even as the climate changes. Decision makers can create an integrated package of information tailored specifically to their needs. Includes information about: the risks posed by climate change to the issues of concern; relevant adaptation strategies; case studies illustrating how other communities have successfully adapted to those risks and tools to replicate their successes; and EPA funding opportunities.*

**Resources:** e-Newsletter, case studies, on-line training, federal funding grant opportunities, EPA contacts and State websites’ topic areas: air, water, public health, adaptation planning, climate change.

#### **Advisory Committee on Water Information (ACWI) Water Information Coordination Program (WICP)**

**URL:** <http://acwi.gov/>

**Description:** *The ACWI represents the interests of water-information users and professionals in advising the Federal Government on Federal water-information programs and their effectiveness in meeting the Nation’s water-information needs. Our purpose is to improve water information for decision making about natural resources management and environmental protection. The Office of Management and Budget (OMB) Memorandum No. 92-01 designates the Department of the Interior, through the U.S. Geological Survey (USGS), as the lead agency. Other Federal organizations that fund, collect, or use water resources information work together with the USGS to implement program recommendations.*

**Resources:** NWQMC Newsletter, technical reports and papers, ground water monitoring network fact sheets, water quality portal, reports, monitoring networks, pilot studies, *National Environmental Methods Index*.

#### **All Hazards Consortium (AHC) - Emergency Network**

**URL:** [www.ahcusa.org](http://www.ahcusa.org)

**Description:** *AHC is a 501c3 non-profit focused on homeland security, disaster management and business continuity issues for the purposes of promoting community and economic resilience. The AHC was founded in 2005 to help states collaborate across a wide regional footprint on multi-state issues. Over the past 6 years, the AHC states have determined that today effective disaster preparation, response, and recovery requires a coordinated, pre-planned effort that combines private and public resources. In the past, public sector agencies have planned and led these efforts. Private entities have focused on their own security, response and business continuity needs. The AHC has evolved into a network of thousands of stakeholders and resources to facilitate regional integration of systems and planning efforts between government and the private sector infrastructure owner/operators.*

**Resources:** e-letter *All Hazards Emergency Network Newsletter* (monthly), case studies; regional initiatives, webinars (archived).

#### **Alliance for a Sustainable Future [in progress]**

**URL:** <http://www.c2es.org/us-states-regions/climate-action-planning>

**Description:** *The Center for Climate and Energy Solutions has partnered with The U.S. Conference of Mayors to launch the Alliance for a Sustainable Future to spur public-private cooperation on climate*

*action and sustainable development in cities. The alliance will create a framework for mayors and business leaders to develop concrete approaches to reduce carbon emissions, speed deployment of new technology, and implement sustainable development strategies as a part of implementing the Clean Power Plan and responding to the growing impacts of climate change.*

**Resources:** [in progress]

#### **Alliance for Global Water Adaptation**

**URL:** <http://www.alliance4water.org/>

**Description:** *Founded in September 2010, the Alliance for Global Water Adaptation is a group of regional and global development banks, government agencies and ministries, diverse non-governmental organizations (NGOs), and the private sector focused on managing water resources in a sustainable way, even as climate change alters the global hydrological cycle. Water provides coherence to climate change adaptation and mitigation, integrating energy, water, food production and agriculture, and ecosystems and the environment. AGWA is focused on how to help experts, decision makers, and institutions in the water community work more effectively.*

**Resources:** e-Newsletter, publications, events, video, “Beyond Downscaping” outline of bottom-up risk assessment methodology.

#### **Alliance for Innovation - Arizona State University College of Public Programs**

**URL:** <http://urbaninnovation.asu.edu/alliance-for-innovation>

**Description:** *The Alliance for Innovation is an international network of progressive governments and partners committed to transforming local government by accelerating the development and dissemination of innovations. The Alliance helps member governments identify how to build success in their community and generates studies and reports to inform professionals in local governments and academics who teach and conduct research on local government policy and management.*

**Resources:** Publications; graduate programs; research topic surveys; membership categories (municipalities & individual); webinars, conferences, Annual BIG ideas colloquium.

#### **Alliance for Regeneration, Inc.**

**URL:** <http://regenerationalliance.com/>

**Description:** *“Building local capacity for sustainability that endures.” We are an alliance of leaders in the field of regeneration, working with communities at all scales, from neighborhoods to watersheds. We help them rediscover their unique social, economic and ecological identity and destiny. This unique identity is the basis for overcoming fragmentation and divisiveness. Then, together, we align around, create, and implement authentic place-sourced and developmental strategies across the whole community. We help communities conceive, connect, construct and celebrate their unique regenerative potential, tapping the native genius and creativity of people and their place, and building local capacity for long-term results.*

**Resources:** Articles, videos, consulting services; Story of Place™ is a regenerative approach to sustainable community development that replaces limited problem solving with true insights about how a whole community can thrive.

#### **American Carbon Registry**

**URL:** <http://americancarbonregistry.org/>

**Description:** *The American Carbon Registry (ACR), a nonprofit enterprise of Winrock International, was founded in 1996 as the first private voluntary greenhouse gas registry in the world. A mission-driven institution named for philanthropist Winthrop Rockefeller, Winrock believes that climate change will have a profound impact on the poorest populations around the world and that markets are the most effective path to mobilize actions to reduce emissions.*

**Resources:** Carbon accounting standards & methodologies, tools and templates for GHG project plans, Reducing Emissions from Deforestation and Forest Degradation (REDD), ACR Risk Tool, news postings, offset project case studies,

#### **American Council for an Energy Efficient Economy**

**URL:** <http://www.aceee.org/>

**Description:** *The American Council for an Energy-Efficient Economy (ACEEE), a nonprofit, 501(c)(3) organization, acts as a catalyst to advance energy efficiency policies, programs, technologies, investments, and behaviors. We believe that the United States can harness the full potential of energy efficiency to achieve greater economic prosperity, energy security, and environmental protection for all.*

**Resources:** Extensive publications, conferences, events, awards, consumer resources

#### **American Geophysical Union (AGU)**

**URL:** <http://sites.agu.org/>

**Description:** *AGU provides a platform for scientists to communicate the importance and relevance of their work and public policy and research. Become involved by signing up for Science Policy Alerts, writing to or visiting legislators, or joining AGU's Expert Outreach Network.*

**Resources:** Conferences, policy papers on website, AGU Blogosphere, topic search of resources.

#### **American Ground Water Trust (AGWT)**

**URL:** <http://www.agwt.org/>

**Description:** *The AGWT mission is to have science as the basis for water policy and to maximize the sustainable use and protection of groundwater, and to: Communicate the environmental and economic value of groundwater, Promote efficient and effective groundwater management, Showcase groundwater science and technology solutions, Increase citizen, community and decision-maker awareness, Facilitate stakeholder participation in water resource decisions.*

**Resources:** e-Newsletter, training, events, publications, well owner information kit, scholarships, employment opportunities;

#### **American Institute of Architects - Design, Disaster Assistance, Sustainability and Resilience Programs**

**URL:** [www.aia.org/about/initiatives/AIAS075425](http://www.aia.org/about/initiatives/AIAS075425) and <http://www.aia.org/disaster-assistance/index.htm> and <http://www.aia.org/practicing/resilience/index.htm>

**Description:** *Through nearly 300 state and local components, AIA policies, programs, and practices promote adaptable, resilient buildings and communities to more readily absorb and recover from adverse events and changing conditions. Members of AIA components, knowledge communities and Disaster Assistance Committee provide design and technical expertise and volunteer design services to communities in need.*

**Resources:** Training and volunteers for safety assessments of buildings post-disaster, built environment education, tools, resources and advocacy, grant awards for communities to apply for Design Assistance (by application).

#### **American Military University (AMU)**

**URL:** <http://www.amu.apus.edu/lp2/emergency-and-disaster-management>

**Description:** *Online degrees and certificates in emergency and disaster management. Whether responding to hurricanes, terrorist attacks, or hazmat spills, officials need the tools and information to establish command and control, coordinate communication, evacuate citizens, and execute clean-up operations to protect human and wildlife populations and natural resources. The university offers its Emergency and Disaster Management curriculum entirely online, allowing industry professionals the flexibility to balance a bachelor's or master's degree, or graduate certificate within their existing responsibilities. Students learn career-relevant practices from expert professors who are frontline leaders having commanded emergency and disaster management operations in the United States and overseas. Students are actively involved in affiliated programs such as Masters of Disaster and the Golden Key Honor Society.*

**Resources:** Online degrees and certificates emergency and disaster management. (\$350/credit hour).

#### **American Planning Association (APA) - Hazard Planning Center**

**URL:** [www.planning.org/nationalcenters/hazards/](http://www.planning.org/nationalcenters/hazards/)

**Description:** *Through original and applied research, APA's Hazards Planning Research Center identifies practices that protect communities from natural and man-made hazards and educates planners and allied*

*professionals about those practices. Our mission is to support the development of safe, resilient communities that can both minimize their losses from disasters and quickly and efficiently marshal their resources afterwards to recover in ways that leave them stronger and better prepared.*

**Resources:** Webinar series Natural Planning Center Planning Information Exchange, (in cooperation with ASFPM, FEMA), reports, briefing papers, *Planning for Post-Disaster Recovery: Next Generation* (PAS 576).

#### **American Society of Adaptation Professionals (ASAP)**

**URL:** <http://adaptationprofessionals.org/>

**Description:** *ASAP brings together the leading professionals from a variety of sectors working to increase climate resilience across the United States. The impacts of climate change are already being felt by communities through rising sea levels, more extreme heat events, heavy precipitation, floods, droughts, and shifting habitat ranges for plants and animals...A resilient nation that is able to plan, prepare, and adapt to the impacts of global climate change through the infusion of expertise, innovation, and information developed by a robust and respected professional workforce of practitioners and researchers.*

**Resources:** Professional membership \$150/year, member forum, events.

#### **American Society of Civil Engineers (ASCE)**

**URL:** [www.asce.org](http://www.asce.org)

**Description:** *ASCE Statement on Sustainability: As the stewards of society's physical infrastructure, civil engineers must lead the next shift in sustainable planning, design and construction. ASCE defines sustainability: A set of environmental, economic and social conditions in which all of society has the capacity and opportunity to maintain and improve its quality of life indefinitely without degrading the quantity, quality or availability of natural, economic, and social resource.*

**Resources:** Extensive publications and resources on design for natural hazards.

#### **American Solar Energy Society (ASES)**

**URL:** <http://www.ases.org/>

**Description:** *Our mission is to inspire an era of energy innovation and speed the transition to a sustainable energy economy. Established in 1954, the nonprofit American Solar Energy Society (ASES) is the nation's leading association of solar professionals & advocates. ASES is the US Section of the International Solar Energy Society (ISES).*

**Resources:** Membership levels from \$39/year, subscription *Solar Today*, member forum, events, news.

#### **American Water Works Association (AWWA)**

**URL:** [www.awwa.org](http://www.awwa.org)

**Description:** *Established in 1881, American Water Works Association is the largest nonprofit, scientific and educational association dedicated to managing and treating water, the world's most important resource. AWWA provides solutions to improve public health, protect the environment, strengthen the economy and enhance our quality of life.*

**Resources:** (extensive) Conferences, publications, career center (water industry), technical standards groups, training, e-Learning.

#### **Architecture 2030**

**URL:** [architecture2030.org/](http://architecture2030.org/)

**Description:** *Architecture 2030, a non-profit, non-partisan and independent organization, was established by architect Edward Mazria, FAIA in response to the climate change crisis. 2030's mission is to rapidly transform the built environment from the major contributor of greenhouse gas (GHG) emissions to a central part of the solution to the climate and energy crises. Architecture 2030 pursues two objectives: (1) the dramatic reduction in global fossil fuel consumption and GHG emissions of the built environment by changing the way cities, communities, infrastructure, and buildings, are planned, designed, and constructed and; (2) the regional development of an adaptive, resilient built environment that can manage the impacts of climate change, preserve natural resources, and access low-cost, renewable energy resources.*

**Resources:** e-Newsletter.

#### **ARCUS Foundation**

**URL:** [www.arcusfoundation.org](http://www.arcusfoundation.org)

**Description:** *The Arcus Foundation is a leading global foundation dedicated to the idea that people can live in harmony with one another and the natural world. Arcus believes that respect for diversity among peoples and in nature is essential to a positive future for our planet and all its inhabitants. We seek to create and sustain environments where life can grow and thrive, from the Arcus workplace to the communities of our partners and stakeholders to the habitats of animal life. We value freedom—liberty, justice, and full citizenship for all people worldwide—and diversity of thought, people, and ideas, because solutions need to be rooted in cultural, economic, social, and ecological realities.*

**Resources:** forum events, employment postings, grant programs: social justice, primate conservation (Great Apes), ecological conservation

#### **AskNature.com**

**URL:** [www.asknature.org](http://www.asknature.org)

**Description:** *AskNature is the world's most comprehensive catalog of nature's solutions to human design challenges. This curated online library features free information on more than 1,800 (and growing!) natural phenomena and hundreds of bio-inspired applications. AskNature is built by and for the community. It is an initiative of the Biomimicry Institute, whose goal is to make the act of asking nature's advice a normal part of everyday inventing.*

**Resources:** Case studies, AskNature Nugget videos, Biomimicry taxonomy, Annual Global Design Challenge.

#### **Aspen Global Change Institute (AGCI)**

**URL:** <http://www.agci.org>

**Description:** *Aspen Global Change Institute (AGCI) is an independent nonprofit dedicated to furthering the scientific understanding of Earth systems and global environmental change through interdisciplinary scientific workshops, educational programs, and resources.*

**Resources:** publications (topic searchable archive), videos, summer workshops, courses, *Global Solutions Lab*; *Resilience Roadmarker* fact sheets and presentation materials.

#### **Association of Climate Change Officers (ACCO)**

**URL:** <http://www.accoonline.org/>

**Description:** *ACCO defines, develops and supports the functions, resources and communities necessary for effective organizational leadership in addressing climate-related risks and opportunities.*

*Vision: ACCO enables all organizations to be more sustainable by building enterprise capacity and empowering leadership to respond to climate change. ACCO's Peer Cluster Program is a newly launched peer review and business improvement forum developed for members to advance their organization's climate response strategies and further develop their own leadership skills.*

**Resources:** Memberships (annual from \$125, various levels). Topic search of resources; job postings; regional/national workshops and conferences; peer networks; training/certification programs.

#### **Association of Contingency Planners**

**URL:** [www.acp-international.com](http://www.acp-international.com)

**Description:** *As the preeminent national voice of contingency planning, ACP works to improve our industry by promoting programs, providing continuing professional development, knowledge, career opportunities, and to build public understanding around the world of the importance of contingency planning. Vision: To build the premier international organization for business continuity professionals.*

*Mission: Everything we do professionally and as an organization is dedicated to protecting lives, safeguarding businesses and fostering community resiliency and business continuity.*

**Resources:** Membership (\$75 annual dues); extensive resources; standards, videos, career advancement, events, webinars, speaker bureau; leadership conference.



**Assoc. for Environmental Studies and Sciences (AESS) / National Council Science and Environment****URL:** [www.aess.info](http://www.aess.info)

**Description:** *The Association for Environmental Studies and Sciences (AESS) is an independent faculty/student-based professional association in higher education, designed to serve the needs of environmental scholars and scientists who value interdisciplinary approaches to research, teaching, and problem-solving. Founded in 2008, the Association seeks to provide its members with the latest environmental information and tools to create better courses, strengthen research, develop more satisfying careers, harness the power of a collective voice for the profession, and enjoy each other's company at national and regional meetings.*

**Association of Healthcare Emergency Preparedness Professionals (AHEPP)****URL:** [www.ahepp.org](http://www.ahepp.org)

**Description:** *The Association of Healthcare Emergency Preparedness Professionals is a professional organization dedicated to advancing the field of disaster preparedness and response in healthcare settings.*

**Resources:** Annual membership \$185, events, incident command and disaster exercises, webinars and recordings (archived), training videos, preparedness tools, job postings.

**Association of State Flood Plain Managers (ASFPM)****URL:** [www.floods.org](http://www.floods.org)

**Description:** *ASFPM is an organization of professionals involved in floodplain management, flood hazard mitigation, NFIP, and flood preparedness, warning and recovery. ASFPM has become a respected voice in floodplain management practice and policy in the United States because it represents the flood hazard specialists of local, state and federal government, the research community, the insurance industry, and the fields of engineering, hydrologic forecasting, emergency response, water resources, and others. Mission: to promote education, policies, and activities that mitigate current and future losses, costs, and human suffering caused by flooding, and to protect the natural and beneficial functions of floodplains without causing adverse impacts.*

**Resources:** e-Newsletter News & Views (six times yearly-archived), conferences, training, education, Certification Programs (CFM), State Chapters, resources and tools, topic search of resources, job postings, white papers, publications including *No Adverse Impact*.

**Association of State Wetland Managers (ASWM)****URL:** [www.aswm.org](http://www.aswm.org)

**Description:** *ASWM is a nonprofit membership organization established to promote and enhance protection and management of wetland resources, to promote application of sound science to wetland management efforts and to provide training and education for our members and the public. ASWM's members and partners include states and tribes, federal agencies, nonprofit partners, wetland professionals, educators, wetland enthusiasts and many others. The main common goal between these groups is a better understanding of wetlands and how to protect the resources throughout the Nation. \$60 annual membership fee (individual), other categories.*

**Resources:** e-Newsletter *Wetland Breaking News*, Weekly Insiders Edition, publications, support for wetland keepers, legal and policy references, webinars, workshops, training, blog, topic search of resources, conferences, jobs board postings.

**ASPR TRACIE (Technical Resources, Assistance Center, Information Exchange) – also see U.S. HSS****URL:** <https://asptracie.hhs.gov>

**Description:** *Healthcare Emergency Preparedness Information Gateway. Technical Resources, Assistance Center, and Information Exchange (TRACIE) was created to meet the information and technical assistance needs of regional ASPR staff, healthcare coalitions, healthcare entities, healthcare providers, emergency managers, public health practitioners, and others working in disaster medicine, healthcare system*

*preparedness, and public health emergency preparedness. Sponsored by U.S. Dept. Health and Humans Services (HSS) Assistance Secretary for Preparedness and Response (ASPR).*

**Resources:** Listserv. by subscription, information exchange, technical resources, tutorial for navigating the information exchange, user dashboard, technical assistance, Subject Matter Experts invited to apply.

#### **ATTRA – National Sustainable Agriculture Information Service - NCAT**

**URL:** [attra.ncat.org](http://attra.ncat.org)

**Description:** *ATTRA, launched in 1987, is managed by the National Center for Appropriate Technology (NCAT). The majority of funding for ATTRA is through a cooperative agreement with the United States Department of Agriculture's Rural Business-Cooperative Service. We are also partially funded through sales and subscriptions of a portion of ATTRA materials and through contributions from friends and supporters. We are committed to providing high value information and technical assistance to farmers, ranchers, extension agents, educators, and others involved in sustainable agriculture.*

**Resources:** Weekly e-Newsletter (no charge); references, webinars, all agriculture/horticulture topics, organic farming, soils, waste management, local foods, energy alternatives, internship opportunities, events; additional resources by annual subscription (\$50); Internship listing service, Ask an Ag Expert.

## **B**

#### **BEEnow (Built Environment Education)**

**URL:** <http://www.beenow.org/>

**Description:** *"Built Environment Education now" (BEEnow) organization will operate a voluntary program that will certify and rank architecture schools in the United States and Canada on their commitment to emphasize and increase the teaching of the most critical part of sustainable design, energy-responsiveness.*

**Resources:** articles, reports, 2030 Palette of Sustainable Design Resources (Architecture 2030), Carbon Neutral Affordable Housing Guidebook (AIA).

#### **Biositu**

**URL:** [biositu.com](http://biositu.com)

**Description:** *Biositu LLC provides strategic consulting services dedicated to leveraging environmental sustainability to enhance community health, helping clients move beyond reducing environmental harm to focus on the co-benefits of safeguarding human health and wellbeing. We provide consulting services, training, and applied research at the intersection of green building, climate change, and public health.*

**Resources:** e-Newsletter (no charge), Resource publications, links, public health, climate change, green building, library of strategies.

#### **Blessed Tomorrow: Interfaith Coalition on Climate Change**

**URL:** [blessedtomorrow.org](http://blessedtomorrow.org)

**Description:** *Launched in May 2014, Blessed Tomorrow is a coalition of diverse religious partners united under a call to be faithful stewards of creation. As people of faith in America, they are committed to engaging their communities and calling on fellow leaders to support practical solutions to create a healthy future for us all. As a key initiative of MomentUs and ecoAmerica, Blessed Tomorrow provides a program by people of faith, for people of faith, offering ideas, tools, resources, and language that are familiar, compelling, and effective for engaging congregations in climate solutions.*

#### **Bloomberg Philanthropies**

**URL:** <https://www.bloomberg.org/about/our-approach/>

**Description:** *Bloomberg Philanthropies focuses on five key areas for creating lasting change: public health, environment, education, government innovation, and arts & culture. These five areas encompass the issues Mike Bloomberg and his team are most passionate about, and where they believe the greatest good can be achieved. While Bloomberg Philanthropies works on a wide range of issues within each focus area, we apply a distinctive approach to all of our undertakings.*



**Resources:** e-Newsletter, blog; grants by invitation only; Mayors Challenge Competition (current 2016: Caribbean and Latin American Cities)

#### **BlueGreenCities**

**URL:** <http://www.bluegreencities.ac.uk/bluegreencities>

**Description:** *A Blue-Green City aims to recreate a naturally-oriented water cycle while contributing to the amenity of the city by bringing water management and green infrastructure together. This is achieved by combining and protecting the hydrological and ecological values of the urban landscape while providing resilient and adaptive measures to deal with flood events.*

**Resources:** publications, case studies, films, interviews, fact sheets, *Lessons Learned: Key Project Outputs, GIS Multiple Benefits Toolbox.*

#### **Build Change**

**URL:** <http://www.buildchange.org>

**Description:** *"Build disaster resistant houses. Change construction practice permanently." Build Change designs earthquake-resistant houses for communities in seismically active countries and trains local builders, homeowners, engineers and governmental officials to construct them. With a mission of greatly reducing deaths, injuries and economic losses caused by earthquake-related housing collapses, Build Change implements an efficient and culturally sensitive approach with a focus on long-term wellbeing. By researching regional resources; sourcing materials locally and affordably; engaging homeowners in the decision-making process; involving and training local engineers, architects, builders, students and governments; and leveraging the knowledge and skills of the world's top-tier engineers and architects, best practices for reconstruction are married with local education and training, job creation, economic stimulation and acceptance of safer building codes and methods.*

**Resources:** Job, volunteer opportunities, international and U.S., training,

#### **BuildingGreen LLC - Environmental Building News**

**URL:** [www.buildinggreen.com](http://www.buildinggreen.com)

**Description:** *The mission of BuildingGreen, LLC is to facilitate transformation of the North American building industry. Membership by subscription provides access information for green design and construction work.*

**Resources:** case studies, webcasts, blog, green product reviews & listings; *Checklist for implementing an Occupant Engagement Campaign.*

#### **Building Materials Reuse Association**

**URL:** [www.bmra.org](http://www.bmra.org)

**Description:** *The BMRA is a non-profit organization whose mission is to advance the recovery, reuse & recycling of building materials in such a way to, reduce the consumption of new resources, reduce landfill waste, create a value-added market and increase cost-effectiveness, expand job opportunities and workforce development skills, promote the sustainability of communities and the environment through resource preservation.*

**Resources:** Annual conference, e-newsletter (monthly), training,

#### **Building Resilience Workshop**

**URL:** <http://www.resilienceworkshop.org>

**Description:** *Building Resilience Workshop is a New Orleans-based initiative that identifies and explores the systemic issues that impact a community's ability to thrive. We engage diverse perspectives to foster inclusive dialogue, supporting stronger networks and collaboration.*

**Resources:** Annual conference, Archive of prior workshop presentations (2010-2015).

#### **Building Resilient Communities Faith Based Coalition**

**URL:** <http://www.buildingresilientcommunities.org>

**Description:** *Building Resilient Communities Faith Based Coalition is a network of houses of worship that come together to help in the community before, during and after a disaster.*

**Resources:** Building Resilient Communities Faith Based Coalition currently partners with a variety of agencies to provide the following services: Chaplaincy/Spiritual Support, Donations Management, Mass Care & Sheltering, Memorial Services Coordination/Facilities, Recovery/Clean-up, Spontaneous Volunteer Coordination, Storage/Warehousing, Transportation Coalition member organizations go through training in order to effectively help when activated. *We do not self activate.* As members of three Voluntary Organizations Active in Disaster (VOAD) (i.e. SoCal, Riverside County and San Bernardino County) we could be called upon to assist across 10 counties of southern California.

#### **Built Environment Coalition**

**URL:** <http://builtenvironmentcoalition.org>

**Description:** *Founded in 2011, the Built Environment Coalition is led by Dr. Sarah Slaughter, a recognized expert in sustainability and disaster-resiliency for the built environment. The BEC develops analytical approaches, methodologies, and tools to help communities and organizations identify opportunities to improve their built environment and make informed decisions on potential investments. The BEC receives research grants from government agencies, foundations, nonprofit institutions, industry groups, and companies. Research fellowship grants support research students at local and national educational institutions on BEC projects. The BEC also receives education grants to develop learning modules. The resulting analytical approaches, methodologies, tools, and learning modules are publicly distributed through the Built Environment Coalition.*

**Resources:** White papers, project reports.

#### **Bulletin of the Atomic Scientists**

**URL:** [thebulletin.org](http://thebulletin.org)

**Description:** *The Bulletin of the Atomic Scientists engages science leaders, policy makers, and the interested public on topics of nuclear weapons and disarmament, the changing energy landscape, climate change, and emerging technologies. We do this through our award winning journal, iconic Doomsday Clock, public access website and regular set of convenings. For 70 years, the Bulletin has bridged the technology divide between scientific research, foreign policy and public engagement.*

**Resources:** *Bulletin* (by subscription), articles (archived) available on-line, additional publications and reports (extensive, archived), archives, topics: biosecurity, climate change, nuclear energy, nuclear weapons, *Doomsday Clock*.

#### **Business for Innovative Climate and Energy Policy (BICEP) [also see CERES]**

**URL:** [www.ceres.org/bicep](http://www.ceres.org/bicep)

**Description:** *A project of CERES, BICEP's goal is to work directly with key allies in the business community and with relevant members of Congress to pass meaningful energy and climate change legislation that is consistent with our core principles. BICEP offers a new arena for business involvement in advancing climate and energy policies to counter the far-reaching risks and challenges posed by global climate change. BICEP's members are primarily consumer companies that are not major greenhouse gas emitters, but will nevertheless be impacted by climate regulations and other climate-related impacts. BICEP members believe that climate change will impact all sectors of the economy and that various business perspectives are needed to provide a full spectrum of viewpoints for solving the climate and energy challenges facing America.*

**Resources:** Reports, blog, FAQ web-page, *The Climate Declaration*.

## **C**

#### **C40 Cities Climate Leadership Group (C40)**

**URL:** [www.c40.org/](http://www.c40.org/)

**Description:** *C40 is a network of the world's megacities taking action to reduce greenhouse gas emissions. With a unique set of assets, the C40 works with participating cities to address climate risks and impacts*

*locally and globally. Our global field staff works with city governments, supported by our technical experts across a range of program areas. Together we facilitate active exchange and collaboration across our cities.*

**Resources:** Case study library, Reports *Powering Action: Cities as Global Changemakers*.

### **CAFOD (Catholic Agency for Overseas Development)**

**URL:** [cafod.org.uk](http://cafod.org.uk)

**Description:** *CAFOD is the official aid agency of the Catholic Church in England and Wales, and part of Caritas International. We work through the local Catholic Church and other partners in Africa, Asia, Latin America and the Middle East to fight poverty and injustice, wherever the need is greatest.*

**Resources:** Reports on sustainable development, climate & energy, economic justice, emergencies and conflict, civil society and governance; *Participatory 3-Dimensional Mapping for Disaster Risk Reduction: A Field Manual for Practitioners*.

### **Canadian Institute for Catastrophic Loss Reduction (ICLR)**

**URL:** [www.iclr.org/home.html](http://www.iclr.org/home.html)

**Description:** *The Institute for Catastrophic Loss Reduction (ICLR) is a world-class centre for multi-disciplinary disaster prevention research and communications. The ICLR was established by Canada's property and casualty (p&c) insurance industry as an independent, not-for-profit research institute affiliated with the University of Western Ontario. Topics include wind, seismic engineering, atmospheric science, risk perception, hydrology, economics, geography, health sciences, and public policy.*

**Resources:** (membership: insurers who write property or casualty insurance in Canada, reinsurers.) e-Newsletters(s), workshops, hazard research papers, *ICLR Quick Response Program, Open for Business, RSVP for Cities, Designed for Safer Living*.

### **Carbon Brief**

**URL:** [www.carbonbrief.org](http://www.carbonbrief.org)

**Description:** *Carbon Brief reports on the latest developments and media coverage of climate science and energy policy, with a particular focus on the UK. We also produce briefings, analysis and fact checks and publishes a daily and weekly e-newsletter*

**Resources:** e-Newsletters(s) *The Carbon Brief* (daily, weekly); issue analysis summaries links; infographic: *How do the impacts of 1.5 C of warming compare to 2C of warming?*

### **Carbon Dioxide Information Analysis Center (CDIAC)**

**URL:** [cdiac.ornl.gov](http://cdiac.ornl.gov)

**Description:** *The Carbon Dioxide Information Analysis Center (CDIAC) is the primary climate-change data and information analysis center of the U.S. Department of Energy (DOE). CDIAC is located at DOE's Oak Ridge National Laboratory (ORNL) and includes the World Data Center for Atmospheric Trace Gases. CDIAC's data include estimates of carbon dioxide emissions from fossil-fuel consumption and land-use changes; records of atmospheric concentrations of carbon dioxide and other radioactively active trace gases; carbon cycle and terrestrial carbon management datasets and analyses; and global/regional climate data and time series. CDIAC is supported by DOE's Climate and Environmental Sciences Division within the Office of Biological and Environmental Research (BER).*

**Resources:** Extensive reports, with monthly summaries.

### **Carbon Disclosure Project (CDP)**

**URL:** <https://www.cdp.net>

**Description:** *CDP is an international, not-for-profit organization providing the only global system for companies and cities to measure, disclose, manage and share vital environmental information. We work with market forces to motivate companies to disclose their impacts on the environment and natural resources and take action to reduce them. Topics: Climate, Water, Supply chain, Forests, Cities, Governments.*

**Resources:** News, dashboard, case studies and reports.

**Carbon Mitigation Institute** Princeton Environmental Institute**URL:** [cmi.princeton.edu](http://cmi.princeton.edu)**Description:** *The Carbon Mitigation Initiative is a joint project of Princeton University, BP, and Ford Motor Company to find solutions to the greenhouse gas problem. To emphasize the need for early action, Co-Directors Robert Socolow and Stephen Pacala created the concept of stabilization wedges: 25-billion-ton “wedges” that need to be cut out of predicted future carbon emissions in the next 50 years to avoid a doubling of atmospheric carbon dioxide over pre-industrial levels.***Resources:** Reports, presentations, (archived), bibliography, events, workshops. *Carbon Stabilization Wedges Game* [PDF]**Carbon Tracker Initiative****URL:** [www.carbontracker.org](http://www.carbontracker.org)**Description:** *Carbon Tracker is an independent financial think tank which provides in-depth analysis on the impact of climate change on capital markets and investment in fossil fuels, mapping risk, opportunity and the route to a low carbon future. Carbon Tracker is a team of financial, energy and legal experts with a ground-breaking approach to limiting future greenhouse gas emissions.***Resources:** *Carbon Tracker Eye* (CT Eye) news (free subscription), documentation track by industry and category, research methodology, unburnable carbon, carbon budgets, stranded assets, credit ratings, events and conferences.**Carbon War Room****URL:** <http://carbonwarroom.com>**Description:** The Carbon War Room accelerates the adoption of business solutions that reduce carbon emissions at gigaton scale and advance the low-carbon economy.**Resources:** News, jobs, briefings.**Caribbean Disaster Mitigation Project (CDMP OAS)****URL:** <http://www.oas.org/CDMP/>**Description:** *The Caribbean Disaster Mitigation Project (CDMP) was a joint effort of the Organization of American States (OAS) and the US Agency for International Development (USAID), with the aim of establishing sustainable public/private disaster mitigation mechanisms that measurably lessen loss of life, reduce potential damage, and shorten the disaster recovery period. The project was executed from September 1993 to December 1999. This web site contains detailed information about project activities, project publications and training resources.***Center for American Progress (CAP)****URL:** [www.americanprogress.org](http://www.americanprogress.org)**Description:** *CAP is an independent nonpartisan educational institute dedicated to improving the lives of Americans through progressive ideas and action for a strong, just and free America. Our work addresses 21st-century challenges such as energy, national security, economic growth and opportunity, immigration, education, and health care. We develop policy ideas, critique the policy that stems from conservative values, challenge media to cover issues that truly matter, and shape the national debate.***Resources:** Reports (issue briefs and policy papers) including energy environment.**Center for Biological Diversity****URL:** [www.biologicaldiversity.org/](http://www.biologicaldiversity.org/)**Description:** *Mission: Dedicated to protection of endangered species and wild places, we believe that the welfare of human beings is deeply linked to nature — to the existence in our world of a vast diversity of wild animals and plants. Because diversity has intrinsic value, and because its loss impoverishes society, we work to secure a future for all species, great and small, hovering on the brink of extinction. We do so through science, law and creative media, with a focus on protecting the lands, waters and*

*climate that species need to survive. We want those who come after us to inherit a world where the wild is still alive.*

**Resources:** Publications, jobs and internships, organizational sponsor of Climate Law Institute.

#### **Center for Clean Air Policy (CCAP)**

**URL:** <http://ccap.org/>

**Description:** *CCAP Mission Statement: To significantly advance cost-effective and pragmatic air quality and climate policy through analysis, dialogue and education to reach a broad range of policy-makers and stakeholders worldwide. Since 1985, the Center for Clean Air Policy (CCAP) has been a recognized world leader in climate and air quality policy and is the only independent, nonprofit think tank working exclusively on those issues at the local, U.S. national and international levels. Headquartered in Washington, D.C., CCAP helps policy-makers around the world develop, promote and implement innovative, market-based solutions to major climate, air quality and energy problems that balance both environmental and economic interests.*

**Resources:** Blog, events, library of reports, career opportunities with CCAP, Report: *Transportation Systems Resilience: Effective Measures and Research Needs* 2016

#### **Center for Climate and Energy Solutions (C2ES)**

**URL:** <http://www.c2es.org/>

**Description:** *Launched in 2011, C2ES is the successor to the Pew Center on Global Climate Change, long recognized in the United States and abroad as an influential and pragmatic voice on climate issues. At C2ES, we believe that ensuring safe, reliable, affordable energy – while protecting the global climate – is a paramount challenge of the 21st century. We see signs of progress around the world. But far greater effort is needed if we are to keep these challenges from becoming true crises. Now more than ever, we need committed voices with the expertise to cut through complexity and craft innovative solutions; the independence to separate fact from fiction; and the credibility to work with all sides to build common ground.*

**Resources:** Newsroom/press releases, publications (searchable by topic, author, keywords), Initiatives: Business Environmental Leadership Council, National Enhanced Oil Recovery Initiative, C2ES Solutions Forum.

#### **Center for Climate and Security (CCS)**

**URL:** <https://climateandsecurity.org/>

**Description:** *The Center for Climate and Security (CCS), a non-partisan security and foreign policy institute with a distinguished Advisory Board of military, security and foreign policy experts, envisions a climate-resilient international security landscape. Climate change threats to international security are significant and unprecedented, and requires acts to address those threats in a manner that is commensurate to their scale, consequence and probability. CCS facilitates policy development processes and dialogues, provides analysis, conducts research, and acts as a resource hub in the climate and security field.*

**Resources:** (extensive listings on website), conferences, briefings, reports, *Military Expert Panel Report: Sea Level Rise and the U.S. Military's Mission* (Sept. 2016)

#### **Center for Climate Change Communication – George Mason University**

**URL:** [www.climatechangecommunication.org](http://www.climatechangecommunication.org)

**Description:** *Our center was created to conduct unbiased social science research that will facilitate such public engagement. Our mission is to conduct unbiased public engagement research and to help government agencies, non-profit organizations, and companies apply the results of this research so that collectively, we can stabilize our planet's life sustaining climate.*

**Resources:** Reports, Climate Change in the American Mind series: PPT presentations on communication strategies, Communicator of the Year Award.

#### **Center for Climate Change Impacts Adaptation & Modeling (CC-IAM) (Portugal)**

**URL:** <http://www.sim.ul.pt/cciam/>

**Description:** CC-IAM has been involved in several projects in the domains of climate change impact assessment, adaptation and mitigation strategies and development of downscaled climate scenarios. The group brings together scientists from several disciplines conducting trans-disciplinary research on both a national and international level.

#### **Center for Climate Preparedness and Community Resilience – Antioch University New England**

**URL:** <http://www.communityresilience-center.org/>

**Description:** The Center's mission is to strengthen communities to prepare, respond and recover in the face of climate impacts and other disruptions through collaborative, innovative solutions. Antioch's Center for Climate Preparedness and Community Resilience delivers applied research, consulting, and education and training. Our approach is solutions oriented, pragmatic, participatory, and inclusive and is based on change leadership best practices and systems thinking. We focus on stakeholder capacity building at the local scale (watershed, municipal, county, region) of preparedness and resilience nationally and internationally, with an explicit awareness of social and climate justice.

**Resources:** Webinar series, reports, case studies.

#### **Center for Climate Strategies (CCS)**

**URL:** [www.climatestrategies.us/](http://www.climatestrategies.us/)

**Description:** The Center for Climate Strategies (CCS) is a public purpose, nonpartisan, nonprofit 501(c)(3), partnership organization, with international scope. As the nation's premiere catalyst for state climate action planning and analysis, CCS combines expertise in facilitation, technical analysis, policy design, implementation, and financing through public private partnerships and advanced collaborative systems. CCS is headquartered in Washington, DC with field experts across the U.S. Team members have extensive qualifications in environmental science, public policy, economics, management, business, law, education, communications, and finance. Many have experience as public officials, policy advisors, and academic, nonprofit, and business leaders.

**Resources:** e-Newsletter *Climate Line*, open source web site, publications.

#### **Center for Disaster Philanthropy (CDP)**

**URL:** <http://disasterphilanthropy.org/>

**Description:** CDP's mission is to transform disaster giving by providing timely and thoughtful strategies to increase donors' impact during domestic and international disasters. With emphasis on recovery and disaster risk reduction, CDP aims to:

- Increase the effectiveness of contributions given to disasters;
- Bring greater attention to the life cycle of disasters, from preparedness and planning, to relief, to rebuilding and recovery efforts;
- Provide timely and relevant advice from experts with deep knowledge of disaster philanthropy;
- Conduct due diligence so donors can give with confidence; and
- Create plans for informed giving for individuals, corporations and foundations.

**Resources:** e-Newsletter (twice monthly) *CDP News & Insights*; events, webinars, case studies, media room, updates *Disaster Dashboard*, *Disaster Philanthropy Playbook* (grantmaker guidelines & sources)

#### **Center for Disease Control Foundation (CDC)**

**URL:** [www.cdcfoundation.org](http://www.cdcfoundation.org)

**Description:** Established by Congress as an independent, nonprofit organization, the CDC Foundation connects the Centers for Disease Control and Prevention (CDC) with private-sector organizations and individuals to build public health programs that make our world healthier and safer. Each CDC Foundation program involves a team of experts at CDC and outside funding partner(s).

**Resources:** Employment opportunities, programs include public health, environmental health, emergency preparedness & response, other, publications, e.g., *Building a Learning Community & Body of Knowledge: Whole Community Approach to Emergency Management* (2013).

#### **Center for Hazards Assessment, Response & Technology - Univ. of New Orleans (UNO-CHART)**



**URL:** [www.uno.edu/chart](http://www.uno.edu/chart)

**Description:** *The vision of the Center for Hazards Assessment, Response & Technology at UNO-CHART is to support applied research focusing on sustainability and resilience efforts and strategies in light of natural, technological, and environmental risks in the region and to collaborate with similar programs across the country. Through its applied research projects, it fulfills its mission to assist residents, local and state officials, and communities in understanding and reducing risk to hazards.*

*UNO-CHART's approach to sustainability and resilience is based on building community/university partnerships grounded on the principals of: (1) community/organizational collaboration and (2) building on community knowledge as well as scientific knowledge for both basic and applied research.*

**Resources:** Topic search of resources.

#### **Center for Homeland Defense and Security Naval Post Graduate School & U.S. DHS (CHDS)**

**URL:** [www.chds.us](http://www.chds.us)

**Description:** *CHDS provides a neutral educational forum where current and future homeland security leaders learn, discuss and debate policies, strategies, programs, and organizational elements to counter terrorism and mitigate catastrophic events: Through graduate-level coursework, seminars, and research, homeland security leaders gain analytic homeland expertise while bridging gaps in interagency, intergovernmental, and civil-military cooperation.*

**Resources:** Extensive list of courses, programs, including self-study, essay contest.

#### **Center for Neighborhood Technology**

**URL:** <http://www.cnt.org/>

**Description:** *We envision urban environments that are resilient, sustainable and livable for people from all walks of life. The Center for Neighborhood Technology is a nonprofit research and advocacy organization committed to improving urban economies and environments across the United States. We do this through innovation and by researching and analyzing urban problems; testing and promoting economically efficient and environmentally sound solutions; and demonstrating the value of investing in sustainable solutions.*

**Resources:** Interactive tools, affordability index, publication library: policy and practice reports, (topics: climate, energy, green infrastructure, sustainable prosperity, TOD, urban flooding, water, other), project showcase, such as *Memphis Blueprint for Prosperity*, *Chicago Climate Action Plan*, blog.

#### **Center for Rebuilding Sustainable Communities after Disasters (CRSCAD) U. Massachusetts Boston**

**URL:** [www.umb.edu/crscad](http://www.umb.edu/crscad)

**Description:** *CRSCAD is dedicated to raising awareness and possessing the expertise necessary for long-term sustainable reconstruction. CRSCAD encompasses the multidisciplinary approach to sustainability and disaster relief, framed by bad governance and poverty, environmental pollution, HIV/AIDS, wars and conflicts, severe weather-related events, earthquakes, large-scale attacks on civilian populations, technological catastrophes, and influenza pandemics.*

**Resources:** Workshops and conferences, other resources.

#### **Center for Regional Disaster Resilience (CRDR)**

**URL:** [www.regionalresilience.org](http://www.regionalresilience.org)

**Description:** *The Center for Regional Disaster Resilience works on emergency preparedness and disaster resilience projects across the Pacific Northwest from its Seattle office. The CRDR operates under the umbrella of the Pacific NorthWest Economic Region (PNWER), committed to working with states, provinces, territories, and communities to create public-private partnerships, develop action plans, and undertake pilot projects and activities to improve regional disaster resilience cooperation: supply chains, public health, social media, cyber-security, disaster preparedness, maritime resilience, interdependencies.*

**Resources:** Workshops, links, other resources, "Disaster Zone" Video (29 min.).

#### **Center for Resilience Design - New Jersey Institute of Technology**

**URL:** [design.njit.edu](http://design.njit.edu)



**Description:** *The New Jersey Institute of Technology is establishing a program to inform and implement a resilient Post-Sandy recovery in New Jersey. Through research, design and actual demonstration projects, this process will provide State and local leaders, business owners and residents with actionable 21st Century ready-to-build designs and expertise for disaster recovery in areas hard hit by Hurricane Sandy. At the outset, we focus on three initiatives: develop resilient “prototypologies,” create a Center for Resilient Design and a clearinghouse for other academic institutions, businesses and NGOs to share information, expertise and assistance; and organize (Re)Build New Jersey Strong, a weeklong community service project during Spring Break 2013 when hundreds of NJIT students, faculty and alumni will help residents, businesses and government officials rebuild in a resilient manner.*

**Center for Science and Technology Policy Research (CSTPR)**

**URL:** [Sciencepolicy.colorado.edu/](http://sciencepolicy.colorado.edu/)

**Description:** *CSTPR seeks to improve how science and technology policies address societal needs, through research, education and service.*

**Resources:** e-Newsletter *Ogmuis*, publications, research project summaries, lecture series, briefings, job opportunities.

**Center for Sustainable Community Design (CSCD) Institute for the Environment U. North Carolina**

**URL:** <https://ie.unc.edu/cscd/>

**Description:** *The CSCD works to enhance the quality and character of communities and the environment that supports them. We work with the people living in those communities. Our faculty, students and staff work with people around the state, nation and world to engage the public in decision-making that will bring solutions to the design and planning challenges of our ever-growing communities. CSCD publication *Beyond the Basics* website was developed as part of a multi-year research study funded by the U.S. DHS, Coastal Hazards Center of Excellence.*

**Resources:** e-Newsletter *Runoff Rundown*, Membership \$195/year, Online Watershed Library (OWL), research summaries, news briefs, academic programs; “Beyond the Basics: Best Practices in Local Mitigation Planning.”

**Center for Watershed Protection Association (CWPA)**

**URL:** <http://www.cwp.org/>

**Description:** *The Center for Watershed Protection Association (CWPA) is a national network of professionals dedicated to advancing the state-of-the-art in watershed and stormwater management. CWPA is a forum for sharing ideas, resources, expertise, and information pertinent to watershed and stormwater professionals. The Center works to protect, restore, and enhance our streams, rivers, lakes, wetlands, and bays. We create viable solutions and partnerships for responsible land and water management so that every community has clean water and healthy natural resources to sustain diverse life.*

**Resources:** publications library, webcasts, conferences, training, Watershed Science Bulletin,

**Centre for Research on the Epidemiology of Disasters (CRED)**

**Description:** *CRED has been active for over 30 years in the fields of international disaster and conflict health studies, with research and training activities linking relief, rehabilitation and development. It promotes research, training and technical expertise on humanitarian emergencies, with a special focus on public health and epidemiology.*

**Resources:** Research sponsorship and science reports, publications, conferences, annual statistical reviews of natural and technological disasters, “CredCrunch” summaries, “Disasters in Numbers,” “Poverty & Death: Disaster Mortality 1996-2015,” EM-DAT International Disaster Database, reference maps

**URL:** <http://www.cred.be>

**Ceres**

**URL:** <http://www.ceres.org>

**Description:** Ceres is a non-profit organization advocating for sustainability leadership. We mobilize a powerful network of investors, companies and public interest groups to accelerate and expand the adoption of sustainable business practices and solutions to build a healthy global economy, towards assuring a low-carbon, clean energy future.

**Resources:** Ceres reports, jobs and internships, podcasts, videos, tools: Aqua Gauge assessment of water management [www.ceres.org/aquaquage](http://www.ceres.org/aquaquage), (self-assessment questionnaire (SAQ)).

#### **CITI IO**

**URL:** <http://www.citi.io>

**Description:** *Cities + Technology + People...Tackling the core of humanity's survival and well-being in cities. Cities and technologies, through the lens of history, of present events, and of our hopes for the future, as it drives and is driven by the spirit of its people. Citi IO is supported primarily by volunteers, from our friends and colleagues from different companies, who believe in the importance of urbanization and counter-urbanization for humanity and the earth. As they say, this is a labour of love from the vision of dreamers.*

**Resources:** Articles (curated),

#### **Citizen Engagement Laboratory (CEL) Climate Lab**

**URL:** <http://engagementlab.org/>; also: [engagementlab.theresumator.com](http://engagementlab.theresumator.com)

**Description:** *CEL is a home for people and projects working to shift culture and transform society. We support, start, and connect individuals and organizations that use technology-fueled approaches to close the gap between the world we live in and the more just and equal world most of us want.*

**Resources:** CEL Educational Grants program.

#### **Citizens' Climate Lobby (CCL)**

**URL:** <https://citizensclimatelobby.org/>

**Description:** *Citizens' Climate Lobby is a non-profit, non-partisan, grassroots advocacy organization focused on national policies to address climate change. Our consistently respectful, non-partisan approach to climate education is designed to create a broad, sustainable foundation for climate action across all geographic regions and political inclinations. By building upon shared values rather than partisan divides, and empowering our supporters to work in keeping with the concerns of their local communities, we work towards the adoption of fair, effective, and sustainable climate change solutions.*

**Resources:** e-Newsletter, monthly telephone call, training, conferences, volunteer meetings, FAQ sheets, blog, Report: *Basics of Carbon Fee and Dividend*.

#### **Citizens' Institute of Rural Design (CIRD)**

**URL:** <http://rural-design.org/>

**Description:** *Established in 1991, the Citizens' Institute on Rural Design™ has convened more than 60 workshops in all regions of the country, empowering residents to leverage local assets for the future in order to build better places to live, work, and play. The Citizens' Institute on Rural Design™ (CIRD) provides communities access to the resources they need to convert their own good ideas into reality. CIRD works with communities with populations of 50,000 or less, and offers annual competitive funding to as many as four small towns or rural communities to host a two-and-a-half day community design workshop. With support from a wide range of design, planning and placemaking professionals, the workshops bring together local leaders from non-profits, community organizations, and government to develop actionable solutions to the community's pressing design challenges. The community receives additional support through webinars, conference calls, and web-based resources.*

**Resources:** e-Newsletter, grants (via annual RFP cycles), workshops, design competitions, references.

#### **Citizen Science Academy - NSF**

**URL:** [citizenscienceacademy.org](http://citizenscienceacademy.org)

**Description:** *Mission: Provide online professional development resources for educators to support effective implementation of Citizen Science projects and activities that focus on ecology and environmental sciences. NEON Citizen Science Academy Online is intended to be a complete professional development resource for educators and will include online courses, modules, tutorials, and a virtual community of practice. Our initial efforts have focused on professional development courses for formal and informal educators.*

**Resources:** On-line self-paced courses, virtual community of practices, tutorials, various continuing education credits.

#### **City Energy Project (NRDC – IMT joint project)**

**URL:** <http://www.cityenergyproject.org>

**Description:** *The City Energy Project (CEP) is a national initiative to create healthier and more prosperous American cities by improving the energy efficiency of buildings. Working in partnership, the Project and cities support innovative, practical solutions that cut energy waste, boost local economies, and reduce harmful pollution. The pioneering actions of the 20 cities involved in the City Energy Project will be models for communities nationwide and around the world.*

**Resources:** job postings; technical support for selected pilot cities.

#### **Clean Energy Group (CEG)**

**URL:** [thecleanenergygroup.com](http://thecleanenergygroup.com)

**Description:** *Clean Energy Group is a leading nonprofit advocacy organization working in the U.S. and internationally on innovative clean energy technology, finance, and policy programs. Founded in 1998, CEG is headquartered in Montpelier, Vermont, with staff based in Washington, D.C. and Philadelphia. In 2002, CEG created and now manages a separate, national nonprofit alliance of state-based, U.S. public clean energy funds- Clean Energy States Alliance. CEG is supported by major foundations, as well as state, federal and international energy agencies.*

**Resources:** technical services to member organizations.

#### **Clean Coalition**

**URL:** <http://www.clean-coalition.org/>

**Description:** *The Clean Coalition started as the FIT Coalition in early 2009. We re-launched as the Clean Coalition in 2011. Since our founding, we have worked to design, promote, and implement clean energy programs and policies. The Coalition works with leaders from communities, utilities, businesses, and governments to advance local, renewable energy. We are active on local, state, and national levels.*

**Resources:** e-Newsletter (quarterly), Resources (webinars, presentations, studies, policy briefs), “Resource Hub,” job postings / career opportunities, Focus on renewable utility, state policy, grid modernization, community microgrids.

#### **Clean Water Action**

**URL:** [www.cleanwateraction.org](http://www.cleanwateraction.org)

**Description:** *Clean Water Action is a one million member organization of diverse people and groups joined together to protect our environment, health, economic well-being and community quality of life. Our goals include clean, safe and affordable water; prevention of health threatening pollution; creation of environmentally safe jobs and businesses; and empowerment of people to make democracy work. Clean Water Action organizes strong grassroots groups and coalitions and campaigns to elect environmental candidates and solve environmental and community problems.*

**Resources:** publications (extensive), job and internship postings, State chapters.

#### **Climate Access**

**URL:** <http://www.climateaccess.org/>

**Description:** *Climate Access is a global network of climate and clean energy communicators, serving more than 2,000 members in 57 countries. Through Climate Access, members are connected to a diverse group of experts, cutting-edge research and proven techniques for mobilizing audiences to reduce emissions,*

*prepare for impacts and support climate policies. Climate Access provides the knowledge that network practitioners need to take their communications to the next level.*

**Resources:** Membership in blogs/on-line forums for professionals affiliated with an organization. Extensive “Resource Hub,” reports available to public.

#### **Climate Action Fund (New World Foundation)**

**URL:** <https://newwf.org/grantmaking-initiatives/climate-action-fund->

**Description:** *The Climate Action Fund supports organizations committed to on-the-ground organizing, democratic participation, leadership development, alliance building, a broad vision of social change, and inclusive movement building. As an early environmental justice funder, New World Foundation witnessed the direct impact of society’s dependence on fossil fuels. From ranchers in Montana or farmers along the Mississippi or miners in Appalachia to residents of the major urban metros like Los Angeles and Boston, to immigrant laborers on farms across the nation, the negative impact of our fossil fuel economy on land, water, and air is ubiquitous. Factor in recent hurricanes, wildfires, droughts, and floods and it is evident that our current growth model is both unsustainable and impacts everyone. As more local communities make the connection between their living environment, the economy, jobs and climate, NWF’s place-based grantmaking is critical to building community resilience in the face of climate disruption.*

**Resources:** grants, seminars, advisory services, partnerships.

#### **Climate Analytics**

**URL:** <http://climateanalytics.org/>

**Description:** *Climate Analytics: a multidisciplinary and culturally diverse team composed of experts in climate science and impacts, including authors of the IPCC, experts in climate finance, adaptation, climate negotiation, mitigation policies and climate policy analysis.*

**Resources:** publications (extensive), climate science; employment opportunities,

#### **Climate and Clean Air Coalition to Reduce Short-Lived Climate Pollutants (CCAC)**

**URL:** [www.ccacoalition.org](http://www.ccacoalition.org); also:

[www.unep.org/ccac/About/Objectives/tabid/130281/Default.aspx#sthash.gcl0ZEhj.dpuf](http://www.unep.org/ccac/About/Objectives/tabid/130281/Default.aspx#sthash.gcl0ZEhj.dpuf)

**Description:** *The Coalition’s initial focus is on methane, black carbon, and HFCs. Partners recognize that action on short-lived climate pollutants must complement and supplement, not replace, global action to reduce carbon dioxide, in particular efforts under the UNFCCC. The Coalition serves as a forum for assessing progress in addressing the challenge of short-lived climate pollutants and for mobilizing resources to accelerate action. It works to catalyze new actions and to bolster existing efforts on near-term climate change and related public health, food and energy security, and environmental issues.*

**Resources:** e-Newsletters: HFC initiatives, municipal solid waste initiatives, CCAC Newsletter (archived); factsheets, project initiatives, publications, events, job opportunities; participation by serving as an Actors in the Coalition, a network of active stakeholders with experience and expertise on Short Lived Climate Pollutants (SLCPs) and/or sectors targeted by the various Coalition initiatives.

#### **Climate and Development Lab – Brown University**

**URL:** <http://www.climatedevlab.brown.edu/>

**Description:** *Brown University’s Climate and Development Lab (CDL) is a think tank based at the Institute at Brown for Environment and Society. The CDL produces timely, accessible and impactful research that informs a more just and effective climate change policy. We work with leading actors in government, civil society and the media around the world in the attempt to bring about change by identifying and filling important research gaps and generating ideas for action on climate change. We focus on issues of equity, justice and climate finance, with a regional focus on the Least Developed Countries, Latin America, and the United States. We contribute to the climate debate by providing commentary and analysis through the production of academic papers, policy briefs, and organizing events in the U.S. and at the UN climate negotiations.*

**Resources:** scholarly articles, policy briefings, Tumblr blog “COP 20-somethings”

**Climate Central****URL:** <http://www.climatecentral.org/>**Description:** *Climate Central is an independent organization of leading scientists and journalists researching and reporting the facts about our changing climate and its impact on the American public. Climate Central surveys and conducts scientific research on climate change and informs the public of key findings. Our scientists publish and our journalists report on climate science, energy, sea level rise, wildfires, drought, and related topics. Climate Central is not an advocacy organization. We do not lobby, and we do not support any specific legislation, policy or bill. Climate Central is a qualified 501(c)3 tax-exempt organization.***Resources:** Topic search of resources, graphics, videos, blog; *Surging Seas Risk Finder***Climate Change News Digest****URL:** [www.climatechangenews.org/](http://www.climatechangenews.org/)**Description:** *Climate Change News is an Internet news portal that provides constantly updated links to the latest news on climate change.***Resources:** e-Newsletter (daily), compilation of climate change news items (international), job postings**Climate Change Resilient Development Project (CCRD) U.S. AID****URL:** <http://www.ccrdproject.com>**Description:** *CCRD is an international development project in support of USAID's Global Climate Change Office. CCRD's climate adaptation-focused programs operate in 33 countries throughout Asia, Africa, Eastern Europe, Latin America, and the Caribbean. Employing USAID/GCC's strategic "development first" framework, CCRD delivers guidance, technical assistance, and capacity building for USAID, several national governments, and dozens of local communities around the world to integrate climate change concerns into development policy, planning, and implementation.***Resources:** e-mail updates, archived symposia, related resources.**Climate Change Science Institute at Oak Ridge National Laboratory****URL:** [climatechangescience.ornl.gov/](http://climatechangescience.ornl.gov/)**Description:** *CCSI Mission: Advancing knowledge of the Earth system, describing the consequences of climate change, and evaluating and informing policy responses to climate change. CCSI will be recognized as an international leader in seasonal to decadal to century-scale predictions of climate change relevant to global and regional scales. We will provide in-depth interpretation and synthesis information to increase the availability and usability of climate predictions for research on climate change impacts and assessment. ORNL research will continue to be at the forefront in understanding climate-carbon cycle feedbacks, and in determining how terrestrial ecosystems respond to changes in temperature, atmospheric CO<sub>2</sub> concentrations, and precipitation.***Resources:** e-Newsletter, publications searchable by author, topic, Post-doctoral research, related position job postings, news.**Climate Explorer (NOAA)****URL:** <http://toolkit.climate.gov/climate-explorer2/>**Description:** *Climate Explorer is an online tool that lets users explore historical and projected climate trends in the United States down to the county level. The Climate Explorer provides downloadable maps, graphs, and data tables of temperature, precipitation, and related climate variables dating to 1950 and out to 2100. Future climate projections consider two possible scenarios over the next several decades up to 2100: one in which global emissions of heat-trapping gases are significantly reduced, and one in which emissions continue to increase.***Resources:** The Climate Explorer provides downloadable maps, graphs, and data tables of temperature, precipitation, and related climate variables dating to 1950 and out to 2100. Built to accompany the [U.S. Climate Resilience Toolkit](#).

**Climate Feedback****URL:** <http://climatefeedback.org/>**Description:** *Climate Feedback brings the expertise of the scientific community into the world of online climate coverage to provide readers and authors with in-situ feedback about the content's scientific credibility. Climate Feedback is a project born from the reality that we are at a critical moment in history, one in which important decisions about climate change must be made. It's a project born from the understanding that in order for our democracies to choose the right courses of action, citizens must have access to scientifically accurate information, and the belief that it's the civic duty of scientific professionals to better inform their fellow citizens in their respective areas of expertise.***Resources:** Science feedbacks: analysis of news items; topic-searchable archive.**Climate Focus****URL:** [climatefocus.com](http://climatefocus.com)**Description:** *Climate Focus is a pioneering international advisory company committed to the development of policies, methodologies, programmes and projects that mitigate and adapt to the impacts of climate change. Our international and multidisciplinary team works closely with the private sector, governments, non-governmental and multilateral organizations, across a range of sectors including renewable energy, forestry, agriculture, waste, transport, and energy efficiency.***Resources:** NEWS (on web site), publications and project reports (international), *Mitigating Climate Change in Agriculture*.**Climate Institute****URL:** [www.climate.org](http://www.climate.org)**Description:** *The Climate Institute has been in a unique position to inform key decision-makers, heighten international awareness of climate change, and identify practical ways of achieving significant emissions reductions. This has been done through several different media including symposia, conferences, roundtables, and special briefings. These have been carried out not only in the U.S., Canada, Australia, Japan and Europe but also in as many as 30 developing countries providing expert advice at ministerial and heads of state briefings and at sessions with business executives and private citizens.***Resources:** e-Newsletter *Climate Institute News* (quarterly); internships, fellowships; green campus forum, publications, programs, conferences (archived); new publication *Sudden and Disruptive Climate Change* (345 pp.) (free downloadable)**Climate Interactive****URL:** [www.climateinteractive.org](http://www.climateinteractive.org)**Description:** *Climate Interactive is a not-for-profit organization based in Washington DC, to address climate change and related issues like energy, water, food, and disaster risk reduction, with government and non-profit agencies with scientifically-grounded tools help people see for themselves what options exist today to create the future they want to see. Our decision support tools help people build more resilient and equitable communities while preventing as much future climate change as possible.***Resources:** (extensive, searchable data portal) reports, Climate Leader sign-up, C-ROADS climate policy tool, Climate Scoreboard, other, videos, blog, topics: climate, energy, resilience, systems thinking; customized training programs.**Climate Impacts Research Consortium (PNW- CIRC)****URL:** [cpo.noaa.gov/ClimatePrograms/ClimateandSocietal](http://cpo.noaa.gov/ClimatePrograms/ClimateandSocietal)**Description:** *The Pacific Northwest Climate Impacts Research Consortium (CIRC) is a research organization funded by NOAA to provide policy makers, resource managers, and fellow researchers with the best available science covering the changing climate of Oregon, Washington, Idaho, and western Montana. CIRC strives to provide the best available science on the Northwest's changing climate, to put research in the hands of our Northwest stakeholders adapting to climate change. CIRC researchers include climate*



scientists at Oregon State University, the University of Oregon, the University of Washington, and the University of Idaho.

**Climate Justice Initiative - NAACP**

**URL:** [www.naacp.org/programs/entry/climate-justice](http://www.naacp.org/programs/entry/climate-justice)

**Description:** *Global climate change has a disproportionate impact on communities of color in the United States and around the world. The NAACP Climate Justice Initiative was created to educate and mobilize communities to address this human and civil rights issue.*

**Resources:** Publications; legal references / docket; amicus briefs, awards, scholarships, resources

**Climate Knowledge Brokers (CKB) Group - REEEP**

**URL:** <http://www.reeep.org/climate-knowledge-brokers-group>

**Description:** *The Climate Knowledge Brokers (CKB) Group is an alliance of 150 leading global, regional and national knowledge brokers and specialists in climate and development information. The focus is on primarily online initiatives, and those that play an explicit knowledge brokerage role. REEEP is an international organization that advances markets for clean energy in developing countries.*

**Resources:** e-Newsletter, Climate Knowledge Manifesto, annual CKB workshop, reports (prior workshops), position openings, consultancy opportunities.

**Climate Ready Water Utilities (CRWU) - EPA**

**URL:** [www.epa.gov/crwu](http://www.epa.gov/crwu)

**Description:** *EPA's Climate Ready Water Utilities (CRWU) initiative helps water utilities plan for climate change impacts. CRWU works with drinking water utilities, wastewater utilities, stormwater utilities. CRWU provides these water sector utilities with the practical tools, training, and technical assistance needed to adapt to climate change by promoting a clear understanding of climate science and adaptation options.*

**Resources:** Publications, studies and reports, laws & regulations, training webinars (archived), climate resources, coastal surge projections, *Scenario-Based Climate Project Interactive Map*, *Climate Resilience Evaluation and Awareness Tool (CREAT)*

**Climate Reality Project**

**URL:** <http://climateresalityproject.org/>

**Description:** *Climate Reality Project, founded and chaired by former Vice President and Nobel Laureate Al Gore, is dedicated to unleashing a global cultural movement demanding action on the climate crisis...The Climate Reality Project exists to forge an unwavering bedrock of impassioned support necessary for urgent action.*

**Resources:** e-Newsletter *Reality Now* (monthly), education and training programs, videos, blog, reports, conferences (international).

**Climate Resource Center - NASA**

**URL:** <http://climate.nasa.gov/>

**Description:** *The mission of "Global Climate Change: Vital Signs of the Planet" is to provide the public with accurate and timely news and information about Earth's changing climate, along with current data and visualizations, presented from the unique perspective of NASA, the world's leading climate research agency.*

**Resources:** e-Newsletter, reports, videos, graphics, Climate Kids, NASA science, US Climate Resilience Toolkit, training webinars.

**Climate Risk Management Journal**

**URL:** [www.journals.elsevier.com/climate-risk-management](http://www.journals.elsevier.com/climate-risk-management)

**Description:** *Climate Risk Management publishes original scientific contributions, state-of-the-art reviews and reports of practical experience on all aspects of the production and use of climate and climate-related*



information in decision and policy making from the near- to long-term. The scope of the journal covers: Historical, current, and future climate conditions across multiple space and time scales; Risk assessment and risk management approaches for climate-sensitive sectors such as agriculture, forestry and fire management, health, mining, natural resources management, water management, the built environment, and tourism; Analysis of institutional developments.

**Resources:** Access by subscription.

#### **Climate Smart Communities - New York State NYSDERDA / NYDEC**

**URL:** <http://www.dec.ny.gov/energy/>

**Description:** *Climate Smart Communities is a network of New York communities engaged in reducing greenhouse gas emissions and improving climate resilience. Two types of actions enable Climate Smart Communities to minimize the risks of climate change and reduce its long-term costs: (1) Reducing GHG Emissions: Starting now to reduce GHG emissions and create permanent sinks that remove GHG from the atmosphere; these actions will help stabilize atmospheric GHGs at manageable levels and avoid severe climatic changes. (2) Adapting to a Changing Climate: Altering the built and natural environment in anticipation of predicted climatic changes, or in response to actual changes, which will alleviate the risks associated with unavoidable changes in climate.*

**Resources:** (extensive) technical reports, case studies, funding (New York State communities): The *Climate Smart Communities Guide to Local Action* contains overviews of possible community actions, how-to's and case studies to help communities implement the CSC pledge.

#### **Climate Solutions**

**URL:** <http://www.climatesolutions.org/>

**Description:** *Climate Solutions is a Northwest-based clean energy economy nonprofit. We have pioneered the vision and cultivated the political leadership in the Northwest for the proposition that clean energy and broadly shared economic prosperity can go hand-in-hand. For over 15 years, we have led successful initiatives to deliver climate and clean energy policies, models, and partnerships that accelerate the transition from fossil fuels to a clean energy economy. We have built coalitions for energy efficiency, renewable energy, and carbon reduction policies that are positioning this region as an incubator and proving ground for sustainable prosperity.*

**Resources:** e-Newsletter, Publications, events.

#### **Climate Strategies**

**URL:** [climatestrategies.org](http://climatestrategies.org)

**Description:** *Climate Strategies is a not-for-profit organization that provides world-class, independent policy and economic research input to European and international climate policy. Climate Strategies works with an international network of experts to bridge the gap between research and policy, and provides unrivalled analysis for international decision-makers in the fields of climate change and energy policy. Climate Strategies is supported by broad spectrum of national governments, businesses and foundations.*

**Resources:** Climate Policy Journal, conferences, publications, policy briefs: energy policy, emissions trading, low carbon, finance, industries & sectors.

#### **Climate Technology Centre & Network (CTCN)**

**URL:** [www.ctc-n.org](http://www.ctc-n.org)

**Description:** *The CTCN promotes the accelerated transfer of environmentally sound technologies for low carbon and climate resilient development at the request of developing countries. We provide technology solutions, capacity building and advice on policy, legal and regulatory frameworks tailored to the needs of individual countries. Defined by the Intergovernmental Panel on Climate Change (IPCC), climate technologies cover any piece of equipment, technique, practical knowledge or skills for performing a particular activity that can be used to face climate change.*

**Resources:** News, videos, webinars (archived), technical assistance to developing countries, *CTCN Climate Technology Library* includes hard-, soft- and orgware-type solutions to combating climate change (effects).

#### **ClimateWire** (E&E Publishing, LLC)

**URL:** [http://www.eenews.net/eep/learn\\_more/about\\_ClimateWire](http://www.eenews.net/eep/learn_more/about_ClimateWire)

**Description:** *ClimateWire is designed to bring readers unmatched coverage of the debate over climate policy and its effects on business, the environment and society. Climate issues have become so pervasive, and our clients' interest in climate change has become so intense, that developing ClimateWire became an inevitable means to expand and enhance E&E's already top-tier coverage of this critical issue area.*

**Resources:** daily news feed, by subscription.

#### **ClimateWise**

**URL:** <http://www.climatewise.org.uk/>

**Description:** *ClimateWise is the global insurance industry's leadership group, driving action on climate change risk, with international membership covers Asia, Europe, North America and Southern Africa. ClimateWise is facilitated by Univ. of Cambridge Institute for Sustainability Leadership. The group leverages the insurance industry's expertise to better understand and act on climate risks. Members commit to action in support of the ClimateWise Principles, independently reviewed and evaluated annually. ClimateWise members undertake collaborations to support the Principles where action needs to be taken at the industry or system level.*

**Resources:** Resources and e-Newsletter.

#### **Clinton Global Initiative (CGI)**

**URL:** [www.clintonglobalinitiative.org](http://www.clintonglobalinitiative.org); also <https://www.clintonfoundation.org/our-work/clinton-climate-initiative/programs/>

**Description:** *The mission of the Clinton Global Initiative (CGI) is to turn ideas into action. The Global Initiative (CGI), an initiative of the Clinton Foundation, convenes global leaders to create and implement innovative solutions to the world's most pressing challenges. The Clinton Global Initiative (CGI) convenes leaders to drive action through its unique model. Since 2005, CGI members have made 2,500 Commitments to Action, improving lives of over 430 million people in 180 countries.*

**Resources:** Annual meetings, reports.

#### **Coastal Connection e-Newsletter**

**URL:** [www.jlconline.com/coastal-contractor](http://www.jlconline.com/coastal-contractor)

**Description:** *Coastal Connection is a free weekly email digest of special topics, industry news, materials, tools, and techniques for the residential coastal construction market, published by Journal of Light Construction.*

**Resources:** e-Newsletter, back issues library.

#### **Coastal Hazards and Adaptation Coastal Program - State of New Hampshire**

**URL:** <http://des.nh.gov/organization/divisions/water/wmb/coastal/hazards-adaptation.htm>

**Description:** *Through its partnerships, the Coastal Program is working to engage local decision-makers in adaptation planning to minimize damage and increase preparedness for these natural hazards.*

#### **Coastal News Today**

**URL:** [coastalnestoday.com](http://coastalnestoday.com)

**Description:** *Coastal News Today was developed by Coastal Engineers to deliver up-to-date, relevant news for the coastal engineering and environmental industries. Whether you are a coastal engineer, environmental scientist, policy maker, marketing manager, or executive, the place to find the latest developments in the coastal engineering and environmental industries.*

**Resources:** Daily e-Newsletter.

**Coastal Resilience Network - The Nature Conservancy****URL:** [www.coastalresilience.org](http://www.coastalresilience.org)

**Description:** *The Coastal Resilience network supports a community of practitioners around the world who are applying planning innovations to coastal hazard and adaptation issues. The network provides access to peer practitioners, tools, information and training focused on nature-based solutions in a consistent and cost effective manner. The approach critical elements: (1) Assess risk and vulnerability to coastal hazards including alternative scenarios for current and future storms and sea level rise with community input, (2) Identify solutions for reducing vulnerability focusing on joint solutions across social, economic and ecological systems, (3) Take action to help communities develop and implement solutions, (4) Measure effectiveness to ensure that our efforts to reduce disaster risk and apply ecosystem-based adaptation are successful.*

**Resources:** Topic search of resources**Coastal Resources Center University of Rhode Island****URL:** [www.crc.uri.edu](http://www.crc.uri.edu)

**Description:** *The Coastal Resources Center (CRC) at the Graduate Sch. of Oceanography, Univ. of Rhode Island is dedicated to advancing coastal management worldwide. In addition to assisting in the development and implementation of coastal management programs in Rhode Island and the United States, the Center is active in countries throughout the world promoting the sustainable use of coastal resources for the benefit of all. Implementing coastal management projects in the field, building capacity through education and training, and sharing lessons learned and information throughout the coastal community are the foundation of the CRC's work.*

**Resources:** Publications, videos; topic search**Code for Resilience (C4R)****URL:** <http://www.codeforresilience.org/blog/coding-community-resilience-natural-disasters>

**Description:** *Code for Resilience is partnering local technologists with disaster risk management (DRM) experts to strengthen community resilience to natural disasters through the creation of civic-minded digital and hardware solutions. Through a series of virtual and in-person activities, Code For Resilience will focus on creating locally relevant software and hardware tools that improve communities' ability to identify, reduce the risks from, and respond to major natural disasters. Founding Partners of Code for Resilience are the World Bank's Global Facility for Disaster Reduction and Recovery (GFDRR) and ICT Unit (TWICT), and Code for Japan. Global Partners provide support across Code for Resilience activities and events, and Supporting Partners provide support to individual city events.*

**Resources:** Sign-up required for RSS feed. On-line Forum. Mentor discussions. Event calendar: hackathons, problem definition clinics, meetings, workshops, web-based visualization tools.**Columbia Law School Center for Climate Change Law (Sabin Center)****URL:** [web.law.columbia.edu/climate-change](http://web.law.columbia.edu/climate-change)

**Description:** *CCCL develops legal techniques to fight climate change, trains students and lawyers in their use, and provides up-to-date resources on key topics in climate law and regulation.*

**Resources:** Library (searchable), links, career postings, *Climate Law Blog* (daily postings recent cases).**Comet Program****URL:** [www.comet.ucar.edu](http://www.comet.ucar.edu)

**Description:** *The COMET<sup>®</sup> Program was established in 1989 by UCAR and NOAA's NWS to promote a better understanding of mesoscale meteorology among weather forecasters and to maximize the benefits of new weather technologies. COMET uses innovative methods to disseminate and enhance scientific knowledge in the environmental sciences, particularly meteorology, oceanography, hydrology, space weather and emergency management. The COMET Program is part of the University Corporation for Atmospheric Research's (UCAR's) Community Programs (UCP) and is sponsored by NOAA's National Weather Service (NWS),*

**Resources:** [e-Newsletter](#), on-line videos, PDFs, courses, topics (extensive listings)

#### **Commission for Environmental Cooperation (CEC) – North America**

**URL:** [www.cec.org](http://www.cec.org)

**Description:** *The Commission for Environmental Cooperation (CEC) supports cooperation among the NAFTA partners to address environmental issues of continental concern, including the environmental challenges and opportunities presented by continent-wide free trade. The CEC receives financial support of the Government of Canada, the Government of the United States of Mexico, and the United States of America through the Environmental Protection Agency.*

**Resources:** Submissions on Enforcement Matters (SEMs) portal for citizen submissions, *Grasslands Beneficial Management Tool*, virtual Green Building library, on-line training, *North American Environmental Atlas*, North America's Marine Protected Areas.

#### **Community & Regional Resilience Institute (CARRI)**

**URL:** [www.resilientus.org](http://www.resilientus.org)

**Description:** *The goal of CARRI is to strengthen any community or region's ability to prepare for, respond to, and rapidly recover from significant human caused or natural disaster with minimal downtime for the community." Community and Regional Resilience Institute (CARRI) in Oak Ridge, Tennessee, housed at the Meridian Institute where their partnership can leverage both organizations' deep expertise in building collaborative foundations for resilience and stability. CARRI supports communities in their resilience building efforts and works with state, regional, and national stakeholders to create incentives and support for community resilience. In 2011, FEMA tasked CARRI and Meridian to launch a Community Resilience System (CRS) pilot program to test the Community Resilience System as a means of implementing the Whole Community philosophy and improving community resilience in U.S. communities.*

**Resources:** publications, case studies, forums, Community Resilience System (CRS), Campus Resilience Enhancement System (CaRES).

#### **Community Commons**

**URL:** <http://www.communitycommons.org/>

**Description:** *Community Commons is a place where data, tools, and stories come together to inspire change and improve communities. We provide public access to thousands of meaningful data layers that allow mapping and reporting capabilities so you can thoroughly explore community health. As a mission driven organization, the technology and resources that we develop directly provide innovation for the future. We aim to make our custom tools publicly available whenever possible and our partners understand and support this public-good mission. The goal of Community Commons is to increase the impact of those working toward healthy, equitable, and sustainable communities. We believe this happens when Commons users access our tools to gain a deeper understanding of community assets and opportunities and then use data visualizations to convey that knowledge through partnerships and collaboration.*

**Resources:** Tools, technical consultation for creating local community maps, analysis, display.

#### **Community Matters - Also see Orton Family Foundation**

**URL:** [www.communitymatters.org](http://www.communitymatters.org)

**Description:** *CommunityMatters® equips cities and towns to strengthen their places and inspire change. We champion the idea that through transparent, collaborative conversations, communities can steer change at home. We offer the tools, resources and expertise that communities need, when they need them. Whether you're interested in building consensus for a school budget, using values to drive local decisions, or identifying technology to facilitate conversation, we stand ready to help. Together, the CommunityMatters partnership, conference calls and other projects fuel a growing network of leaders, thinkers and doers in a variety of disciplines – planning, sustainability, health, democracy, education, economic development and the arts - all of which are critical to building stronger communities. Also see Orton Family Foundation.*

**Resources:** Conference calls, workshops, resources.

**Community Resilience Building Workshop Guide****URL:** <http://www.communityresiliencebuilding.com/>**Description:** *The need for municipalities, corporations, organizations, institutions, and government agencies to build community resilience and adapt to extreme weather and hazards is now strikingly evident. Ongoing events continuously reinforce this urgency and compel leading communities to proactively plan and act. The Community Resilience Building Workshop has been created in response to this need. The CRB Workshop is an “anywhere at any scale”, community-driven process where participants identify top hazards, current challenges, strengths, and priority actions to improve community resilience in a collaborative and supportive environment. After a decade in development the CRB Workshop has been applied in over 35 communities.***Resources:** Workshop guide and support materials, risk matrix, technical assistance, free initial consultation and guidance for start-up team efforts.**Connecticut Institute for Resilience and Climate Adaptation (CIRCA) – Univ. of Connecticut****URL:** <http://circa.uconn.edu>**Description:** *The mission of the Connecticut Institute for Resilience and Climate Adaptation (CIRCA) is to increase the resilience and sustainability of vulnerable communities along Connecticut’s coast and inland waterways to the growing impacts of climate change on the natural, built, and human environment. CIRCA is a multi-disciplinary, center of excellence that brings together experts in the natural sciences, engineering, economics, political science, finance, and law to provide practical solutions to problems arising as a result of a changing climate. The Institute will help coastal and inland floodplain communities in Connecticut and throughout the Northeast better adapt to changes in climate and also make their human-built infrastructure more resilient while protecting valuable ecosystems and the services they offer to human society (food, clean air and water, and energy).***Resources:** e-Newsletter, events, webinars, grants funding, outreach and training.**Connect4Climate****URL:** <https://connect4climate.org/about>**Description:** *Connect4Climate is a global partnership program launched by the World Bank Group and the Italian Ministry of Environment, joined by the German Federal Ministry for Economic Cooperation and Development, that takes on climate change by promoting solutions and empowering people to act. The Connect4Climate community connects more than 400 partners around the world including civil society groups, media networks, international organizations, academic institutions, youth groups, and the private sector.***Resources:** e-Newsletter, articles, publications, videos, infographics, initiatives: Cities4Climate, Music4Climate, Film4Climate, Youth4Climate, others topics, events, competitions.**Consensus Institute – The Green Dot Project****URL:** <http://consensusinstitute.org/>**Description:** *The CONSENSUS Institute is a not-for-profit organization located on the west coast of Canada. CONSENSUS focuses on researching methods and tools for long-term full-cycle energy planning and ecological design. The Institute was initially established to assist the International Gas Union (IGU) with developing strategies for using fossil fuels as a ‘bridge’ to a more sustainable and diverse mix of energy sources. Over 6 years the Institute worked in collaboration with major energy companies and with cities in N. America, Europe and Asia, exploring the energy metabolism and the best solutions for ‘Bridging to the Future’.***Resources:** Publications, presentations, projects: Eco2Cities, MetaCities**Conservation International****URL:** <http://www.conservation.org>**Description:** *For nearly 30 years, Conservation International (CI) has been protecting nature for the benefit of all. We know that human beings are totally dependent on nature — and that by saving*

*nature, we're saving ourselves. To that end, CI is helping to build a healthier, more prosperous and more productive planet. We do this through science, policy, and partnerships with countries, communities and companies. Over the years, CI has helped support 1,200 protected areas and interventions across 77 countries, safeguarding more than 601 million hectares of land, marine and coastal areas.*

**Resources:** career / job postings, publications (extensive, topic searchable)

#### **Consortium of Climate Risk in the Urban Northeast (CCRUN)**

**URL:** <http://ccrun.org/>

**Description:** *The Consortium for Climate Risk in the Urban Northeast (CCRUN) serves stakeholder needs in assessing and managing risks from climate variability and change. It is currently also the only RISA team with a principal focus on climate change adaptation in urban settings. CCRUN is supported by the NOAA Climate Program Office's Regional Integrated Sciences and Assessments (RISA) Program.*

**Resources:** Seminar Series (weekly) *Green Infrastructure, Climate, and Cities*. Archived on website.

#### **CoreLogic, Inc.**

**URL:** [www.corelogic.com](http://www.corelogic.com)

**Description:** *CoreLogic® is the company financial services and real estate professionals turn to for comprehensive data, analytics and services. Powerful insight gained from this knowledge provides the perspective necessary to identify, understand and take decisive action that solves today's business challenges. Reports and data on flood determination, other natural hazard assessments.*

**Resources:** Reports (topic searchable).

#### **Council of Energy Research and Education Leaders (CEREL) – NCSE**

**URL:** <http://www.ncseonline.org/program/Council-of-Energy-Research>

**Description:** *The Council of Energy Research and Education Leaders (CEREL) is a multidisciplinary membership organization made up of heads of academic energy research and education centers, institutes, and programs. It provides the means for leaders in energy research, education, and communication to collaboratively use knowledge about energy to improve education, decision-making, and, more generally, the well-being of society.*

**Resources:** Extensive publications, conferences, jobs and opportunities, funding opportunities, *Encyclopedia of Earth*.

#### **Cradle to Cradle PRODUCTS innovation Institute**

**URL:** <http://www.c2ccertified.org/>

**Description:** *The Cradle to Cradle Products Innovation Institute, a non-profit organization, educates and empowers manufacturers of consumer products to become a positive force for society and the environment, helping to bring about a new industrial revolution. The Institute administers the publicly available Cradle to Cradle Certified™ Product Standard which provides designers and manufacturers with criteria and requirements for continually improving what products are made of and how they are made.*

**Resources:** Cradle to Cradle Product Design Challenge competitions, product certification, products registry, job postings, training, events.

#### **CrisisHQ**

**Description:** *Resources and products (for purchase) on emergency preparedness, survival, bug out and evacuation, food storage and preservation, gardening, foraging, trapping and hunting, medical, wilderness medicine, relocation and retreats, self sufficiency, country living and homesteading, wilderness and urban survival.*

**Resources:** Downloadable maps of natural disaster risk population density, critical facilities; Products included emergency kits, library of books on water, food, heat, other emergency preparedness.

**URL:** <http://www.crisishq.com/>



**CROs – Community Resilience Organizations Vermont****URL:** [www.gocros.org](http://www.gocros.org)**Description:** *Community Resilience Organizations (CROs) – aims to make sure that Vermont towns are ready for whatever comes next; celebrating place, building local self-reliance, engaging diverse community residents and leaders, completing hazard mitigation & climate adaptation work.***Resources:** e-Newsletter *CROs E-News*; Downloadable documents, Pecha Kucha (20-slide) topic presentations); Action planning exercises, community outreach ideas, community resilience assessment**CUNY Institute for Sustainable Cities (CISC)****URL:** <http://www.cunysustainablecities.org/>**Description:** *CISC works to realize cities as part of the solution to global sustainability challenges. By merging the science of sustainability with innovative public programming, we examine opportunities available to cities—and their residents—for proactive responses to on-going environmental change. We harness the potential of formal and informal means to inspire a new generation of environmental thinkers. In doing so, we seek to understand and influence the evolution of the urban environment, while connecting the CUNY community, decision makers and the general public to the critical issues of Consumption, Vulnerability and Resilience, and Ecosystem Services.***Resources:** News (via web page), reports, blog, internships and employment opportunities,**CZMA Climate Change and Coastal Hazards (NOAA)****URL:** [coastalmanagement.noaa.gov/news/climatenew](http://coastalmanagement.noaa.gov/news/climatenew) • topic search available via website.**Description:** *The CZMA Climate Change and Coastal Hazards E-News Update keeps state and territory coastal program managers and climate change/coastal hazards staff informed about climate change (as it pertains to coastal hazards) and coastal hazards activities.***Resources:** e-Newsletter.**D****Digital Coast Connections - NOAA Coastal Services Center****URL:** [www.csc.noaa.gov/digitalcoast](http://www.csc.noaa.gov/digitalcoast)**Description:** *The Digital Coast is a curated collection of high-quality, authoritative resources focused on coastal and ocean issues and directed at decision makers and technicians. “More than Just Data” is our slogan because coastal managers need supplemental tools and training to help them process raw data and use it effectively. Digital Coast was developed by the NOAA Coastal Services Center for the coastal managers, planners, decision-makers, and technical users who are charged to manage the nation’s coastal and ocean resources to sustain vibrant coastal communities and economies.***Resources:** e-Newsletter (monthly), back issue library, projects, tools, webinars, self-guided resources, training and fellowship programs, GeoZone blog.**Disaster Center – U.S. Department of Homeland Security****URL:** <http://www.disastercenter.com/>**Description:** *Web gateway to extensive disaster preparedness resources/ publications.***Resources:** topic search of resources available via website.**Disaster Collaboratory (DisasterCoLab)****URL:** [disastercollaboratory.com](http://disastercollaboratory.com)**Description:** *The Disaster Collaboratory is a hub to link research to action, and foster collaborative research partnerships between academics and people on the ground. A hub & interactive tool for collaborative work on disasters: first responders, community-based orgs, policy makers & critical disaster scholars.***Resources:** e-Newsletter *Disaster Collaboratory Daily*, Paperli blog, videos, articles**Disaster Conferences**

**URL:** [www.disasterconferences.org](http://www.disasterconferences.org)

**Description:** *Our mission is to provide education, training and the best practices to assist organizations and communities prepare, respond and recover from emergencies and disasters. Since 2006, the Disaster Conferences has held over 50 conferences across more than 30 cities in the United States. With an impressive past attendee list and a collection of respectable sponsors, our conferences offers essential knowledge and education while also creating opportunities for personal interaction. Our conference provides connection and support to local, regional, state and national entities. With a focus on delivering both informative and resourceful conferences by programs and activities, the Disaster Conferences succeeds by centering on relative and modern topics on disaster management.*

**Resources:** schedule of conferences on website, emergency management, continuity planning, cybersecurity, incident comment system, evacuation, critical information protection.

#### **Disaster Recovery Plan Template**

**URL:** <http://www.disasterrecoveryplantemplate.org/>

**Description:** Disaster Recovery Plans (DRPs) are steps or mechanisms that can reduce or eliminate threats for organizations.

**Resources:** Free downloadable templates: business continuity plan, continuity evaluation checklist, disaster recovery plan, IT disaster recover plan; emergency planning guide, glossary; industry news.

#### **Disaster Research Center**

**URL:** [www.udel.edu/DRC/](http://www.udel.edu/DRC/)

**Description:** *The Center is the first in the world devoted to the social scientific study of disasters. Social scientific research is still one of the core products produced by DRC even as we expand into multi-, inter-, and cross-disciplinary work. Historically, DRC has conducted field interviews and extended research projects on group, organizational, and community preparation for, response to, and recovery from natural and technological disasters and other community-wide crises. All DRC research is intended to yield both basic scientific knowledge on disasters and information that can be applied to develop more effective plans and policies to reduce disaster impacts. DRC serves as a repository for materials collected by other agencies and researchers.*

**Resources:** *DRC's specialized library, which contains the world's most complete collection on the social and behavioral aspects of disasters--now numbering more than 55,000 items--is open to both interested scholars and agencies involved in emergency management.*

#### **Disaster Resilient Universities Network**

**URL:** [emc.uoregon.edu/content/disaster-resilient-universities](http://emc.uoregon.edu/content/disaster-resilient-universities)

**Description:** *The mission of the Disaster Resilient Universities™ (DRU) network is to facilitate open communication, discussion, and resource sharing between university/college emergency management practitioners charged with making our campuses more disaster resilient. The goal of the DRU network is to provide a simple resource that can increased communication, coordination, and collaboration between universities around the world that can be used to increase the capacity of our campuses to mitigate against, prepare for, respond to, continue operations during, and recover from natural disasters, acts of terrorism, or other human-caused crises or disasters.*

**Resources:** "First Responder Communities of Practice;" guides, publications, training, conferences; DRU list serve for university/college emergency management professionals.

#### **Disaster Resistant Communities Group (DRCG)**

**URL:** <http://www.drc-group.com>

**Description:** *Mission: Disaster Resistant Communities Group was established to provide a host of disaster planning and preparedness, response, recovery and mitigation services to local government agencies and departments as well as community and faith based organizations. Our Philosophy is to: Develop innovative concepts to meet the needs of the emergency management community; Enhance a community's ability to plan and prepare for, respond to, recover from and mitigation the effects of future disaster. The Just in*

*Time on-line video library provides a single, easy to search source in which individuals, agencies and organizations can access and submit Just In Time Disaster Training videos. The videos found cover disaster related mitigation, preparedness, response and recovery training for a wide variety areas.*

**Resources:** ONX System table Top Exercises; Continuity of Operation Plans; Table-top exercises, including *Caduceus Shield Initiatives* (hospitals, health systems) “Formidable Footprint (Community/Neighborhood); photo library of workshops; Just in Time Training Videos.

#### **Disaster Risk Management Knowledge Center (DRMKC)**

**URL:** <https://ec.europa.eu/jrc/en/network-bureau/disaster-risk-management-knowledge-centre>

**Description:** *The Disaster Risk Management Knowledge Centre (DRMKC) aims at enhancing the EU and Member States resilience to disasters and their capacity to prevent, prepare and respond to emergencies through a strengthened interface between science and policy. DRMKC is composed of several Commission services and a network of interested Member States. It will be the focal point to support the work of EU Member States as well as all actors involved in disaster risk management within and beyond the EU.*

**Resources:** e-Newsletters European Commission Joint Research Centers (JRC) archived, training, publications, videos, data bases, tools.

#### **Disaster Safety Movement / Risk Mitigation Leadership Forum**

**URL:** [www.mitigationleadership.com](http://www.mitigationleadership.com)

**Description:** *This site, with primary sponsor RenaissanceRe Risk Sciences Foundation, provides an access point to the valuable information presented at the Risk Mitigation Leadership Forums and associated Conferences. The Forums and Conferences are a series of invitation-only events, bringing together academics, scientists, conservationists and public and private sector representatives to advance risk mitigation efforts and awareness.*

**Resources:** Conference presentations, white papers.

#### **Doris Duke Charitable Foundation**

**URL:** <http://www.ddcf.org/>

**Description:** *The mission of the Doris Duke Charitable Foundation is to improve the quality of people's lives through grants supporting the performing arts, environmental conservation, medical research and child well-being, and through preservation of the legacy of Doris Duke's properties. DDCF's awareness of climate change as the greatest emerging threat to biodiversity – and the need to aggressively mitigate it without unnecessarily sacrificing wildlife habitat – shapes the Environment Program's grant-making priorities.*

**Resources:** Competitive grants, funded studies and reports, “What we’re learning.”

#### **Dutch dialogues**

**URL:** <http://dutchdialogues.com>

**Description:** *The “Dutch Dialogues” workshops are the outgrowth of extended interactions between Dutch engineers, urban designers, landscape architects, city planners and soils/hydrology experts and, primarily, their Louisiana counterparts. David Waggoner, a local New Orleans architect, initiated this dialogue with Dale Morris, of the Royal Netherlands Embassy in Washington, DC, and the American Planning Association. Dutch Dialogues addresses some of those fundamentals to advance risk mitigation efforts and awareness.*

**Resources:** Record of prior workshops, references (extensive), blog.

## **E**

#### **EarthStat**

**Description:** *EarthStat.org serves geographic data sets with the purpose of solving the grand challenge of feeding a growing global population while reducing agriculture’s impact on the environment.*

*EarthStat is collaboration between the Global Landscapes Initiative at The University of Minnesota's Institute on the Environment and the Ramankutty Lab at The University of British Columbia, Vancouver.*

**Resources:** mapped data related to water risk, crop area, yield gaps, fertilizer, food, feed, fuel, carbon stocks in potential natural ventilation.

**URL:** <http://www.earthstat.org/>

### Earth Economics

**URL:** <http://www.eartheconomics.org/>

**Description:** *Earth Economics applies new economic tools and principles to meet the challenges of the 21st century: achieving the need for just and equitable communities, healthy ecosystems, and sustainable economies.*

**Resources:** Researcher's library, publications archive, from legal, economic and scientific journals, film, *Ecosystem Valuation Toolkit* (web-based tool).

### Earth Institute – Global Roundtable on Climate Change

**URL:** <http://www.earth.columbia.edu>

**Description:** *The Earth Institute brings together the people and tools needed to address some of the world's most difficult problems, from climate change and environmental degradation, to poverty, disease and the sustainable use of resources. Global Roundtable on Climate Change convenes high-level, critical stakeholders from all regions of the world — including senior executives from the private sector and leaders of international governmental and non-governmental organizations — to discuss and explore areas of potential consensus regarding core scientific, technological, and economic issues critical to shaping sound public policies on climate change.*

**Resources:** News, blog, events, educational programs (UGrad to Exec. Education), initiatives on water, climate, energy, urbanization, hazards, health, poverty, food, ecosystems

### Earth Justice

**Description:** *As the premier nonprofit environmental law organization, Earthjustice is uniquely qualified to deliver sweeping, on-the-ground results that make a real difference in our environment and our communities. We work through the courts on behalf of thousands of groups, supporters and citizens to take on the critical environmental issues of our time, and bring about positive change. We are here because the Earth needs a good lawyer. We represent our clients free of charge.*

**Resources:** e-Newsletter (monthly), case study reports, intern and career opportunities, topics include the wild, healthy communities, clean energy and healthy climate.

**URL:** [www. http://earthjustice.org](http://earthjustice.org)

### Earth Sciences and Resources Institute / Geodesign

**URL:** [www.esri.com/products/arcgis-capabilities/geodesign](http://www.esri.com/products/arcgis-capabilities/geodesign)

**Description:** *Geodesign provides a design framework and supporting technology for professionals to leverage geographic information, resulting in designs that more closely follow natural systems. ESRI-SC's environmental research ranges from using geophysical methods for environmental hazards such as earthquakes or subsurface toxic contaminants, to carbon capture, utilization and storage (CCUS), to nationally recognized science-based video outreach.*

**Resources:** Publications; Case studies (international); Annual conference Geodesign Summit (proceedings archived); also ESRI Disaster Response Program.

### EcoAdapt

**URL:** [www.ecoadapt.org/](http://www.ecoadapt.org/)

**Description:** *EcoAdapt, founded by a team of some of the earliest adaptation thinkers and practitioners in the field, has one goal - creating a robust future in the face of climate change. We bring together diverse players to reshape planning and management in response to rapid climate change. Our objectives include: Creating networks of projects and partners with similar concerns to support adaptation policy and building*

*the field of adaptation science. One particular mechanism to achieve this is through the interactive online database – the Climate Adaptation Knowledge Exchange (CAKE).*

**Resources:** reports, case studies; Climate Adaptation Starter Kit.

#### **EcoDistricts**

**URL:** [ecodistricts.org](http://ecodistricts.org)

**Description:** *EcoDistricts (formerly Portland Sustainability Institute), sums up our shared vision for creating sustainable cities from the neighborhood up. Our larger scope is designed to better serve the growing number of innovative practitioners and policymakers who are making a demonstrable impact in communities and helping to grow the global green neighborhood movement.*

**Resources:** e-Newsletter, annual EcoDistricts summit; technical assistance; executive training, job postings; *Global EcoDistricts protocol*.

#### **Ecological Society of America (ESA)**

**URL:** [www.esa.org](http://www.esa.org)

**Description:** *ESA is a professional organization of ecological scientists. ESA publishes a suite of publications, from peer-reviewed journals to newsletters, fact sheets and teaching resources. It holds an annual meeting at different locations in the USA and Canada. In addition to its publications and annual meeting, ESA is engaged in public policy, science, and education and diversity issues.*

**Resources:** Journal articles, resources, job postings, fact sheets *Ecosystem Services*

#### **Ecosystem Services Partnership (ESP)**

**URL:** [ecosystemcommons.org/group/ecosystem-services-partnership](http://ecosystemcommons.org/group/ecosystem-services-partnership)

**Description:** *The ES-Partnership aims to enhance communication, coordination and cooperation, and to build a strong network of individuals and organizations. ESP facilitates working groups (on ES indicators, valuation, databases etc) and biome working groups to enhance data exchange and develop guidelines for policy and research. ESP and Elsevier have launched a new multi-disciplinary journal *Ecosystem Services*. ESP also supports other journals, such as the *Solutions Journal*.*

**Resources:** Network and overview of ecosystem services.

#### **Ecosystem-Based Management (EBM) Tools Network**

**URL:** [www.ebmtools.org](http://www.ebmtools.org)

**Description:** *The Ecosystem-Based Management (EBM) Tools Network, coordinated by Nature Serve as part of its Coastal and Marine Strategy, is one of the premier sources of information about coastal and marine planning and management tools in the United States and internationally. Coastal and marine planning and management tools help practitioners incorporate scientific and socioeconomic information into decision-making. The mission of the Network is to promote healthy coastal and marine ecosystems and communities through the use of tools that help incorporate ecosystem considerations into management. (also see *NatureServe*)*

**Resources:** searchable database; NatureServe Data; standards and methods, training, expert services.

#### **EcoWorld News**

**URL:** <http://www.ecoworld.com/>

**Description:** Digital news compilation and sources on topics of climate, energy, climate, health, pollution, toxins, other.

#### **Ellen MacArthur Foundation**

**URL:** [www.ellenmacarthurfoundation.org](http://www.ellenmacarthurfoundation.org)

**Description:** *Inspiring and enabling learners to apply contemporary science (systems thinking) to the challenge of building a circular economy and reflecting this opportunity to their lives, skills and futures. By leveraging the power of online learning to connect people and break down educational barriers across the world, the Foundation is creating a global teaching and learning platform built around the circular economy framework. With emphasis on online learning, we aim to provide cutting edge insight and*

content to support circular economy education. This work runs alongside a Pioneer University Network and Fellowship Programme, focusing on academic research and teaching with partners in Europe, the US, India, China and South America.

**Resources:** Publications, case studies, resources; summer-school programmes, post-graduate fellowships

#### **Emergency Information Infrastructure Project (EIIP) / EM Forum**

**URL:** [www.emforum.org](http://www.emforum.org)

**Description:** *The mission of the EIIP is to promote the safety of the general public by enhancing the effectiveness of individuals, whether paid or unpaid, full-time or part-time, who are engaged in some aspect of emergency/disaster management. EIIP a non-profit educational organization, dedicated to enhancing the practice of emergency management, and public safety, through offering professional development opportunities to practitioners and other interested persons. One of the ways it achieves this goal is through weekly presentations in the "Virtual Forum" of timely disaster-related topics by experts in their fields, by means of Internet-based Live Chat technology. The goal has been to enhance understanding between emergency management and emergency response personnel.*

**Resources:** e-Newsletter, resources.

#### **Emergency Management Institute (FEMA)**

**URL:** <https://training.fema.gov/emi.aspx>

**Description:** *Mission: to support the Department of Homeland Security and FEMA's goals by improving the competencies of the U.S. officials in Emergency Management at all levels of government to prepare for, protect against, respond to, recover from, and mitigate the potential effects of all types of disasters and emergencies on the American people.*

**Resources:** Independent study and in-person training courses and exercises: see "National Preparedness Directorate National Training and Education Online Course Catalog."

#### **Emergency Management News**

**URL:** <http://www.emergencymgmt.com/news>

**Description:** *2013 National ASPBE Award for Magazine of the Year, Emergency Management brings together leaders who drive the nation's prevention, protection, response and recovery operations.*

**Resources:** Free subscription available (digital or print).

#### **Energy Design Tools**

**URL:** [www.energy-design-tools.aud.ucla.edu](http://www.energy-design-tools.aud.ucla.edu)

**Description:** *Energy Design Tools website managed by Prof. Murray Milne, UCLA, easy to use, highly graphic, and free. Each has a built in demonstration. Each has an automatic INSTALL routine or a READ.ME file explaining how to use it.*

**Resources:** Computer-aided design tools for Home Energy Efficient Design, Climate consultant, psychrometric chart, climate data, climate responsive building design, technical papers, design to survive wildfires.

#### **Enterprise Green Communities**

**URL:** [www.enterprisecommunity.com](http://www.enterprisecommunity.com)

**Description:** *For more than 30 years, Enterprise has introduced solutions through public-private partnerships with financial institutions, governments, community organizations and other partners that share our vision that one day, every person will have an affordable home in a vibrant community, filled with promise and the opportunity for a good life. More than 51 percent of all homes financed with Enterprise support meet the Enterprise Green Communities Criteria, the only national framework for building and preserving green affordable housing.*

**Resources:** e-Newsletter, Green Communities Criteria for affordable housing, case studies (extensive), issue advocacy briefings; finance and development; news updates; job / career opportunities; technical assistance/consulting.



**Environmental & Disaster Management Help Desk**

**URL:** <http://envirodm.org/>

**Description:** *An online community of practice to connect, learn, innovate and advance environmentally responsible disaster response and risk reduction. The HelpDesk is a team and resource facility to provide support, guidance, and links to resources for environmentally responsible disaster management issues. The EDM HelpDesk assist organizations and project managers to gain access to essential resources and make connections with relevant expertise in order to support the integration of environmental issues throughout disaster management operations and further project implementation. A Project of World Wildlife Federation (WWF).*

**Resources:** e-Newletter, resource library, Contact an Expert, Green Flood Manual, Green Recovery & Reconstruction (GRRT): Toolkit for Humanitarian Aid, student forum.

**Environmental Defense Fund (EDF)**

**URL:** [www.edf.org](http://www.edf.org)

**Description:** *Environmental Defense Fund's mission is to preserve the natural systems on which all life depends. Guided by science and economics, we find practical and lasting solutions to the most serious environmental problems.*

**Resources:** publications, job postings.

**EO Kids**

**URL:** <http://earthobservatory.nasa.gov/eokids/>

**Description:** *New publication from Earth Observatory – EO Kids – brings science stories from Earth Observatory to a younger audience. The premier issue of EO Kids explores how NASA observes and measures fresh water from space. EO Kids offers hands-on activities, experiments and more. The Maker Corner provides instructions for making a model aquifer and a self-watering planter. Explore the science behind fresh water with a snowmelt experiment and be a data detective by analyzing satellite data like a scientist. (also see NASA Earth Observatory)*

**Resources:** Downloadable issues for educational classroom and homeschooler uses.

**EPA Climate Change**

**URL:** <http://www.epa.gov/climatechange>

**Description:** *Our mission is to protect human health and the environment.*

**Resources:** Web gateway to extensive EPA resources/ publications.

**EPA Coastal Adaptation Toolkit**

**URL:** <http://www.epa.gov/cre/coastal-adaptation-toolkit>

**Description:** *Selected resources about coastal areas and watersheds for practitioners and environmental professionals.*

**Resources:** *Topics of general interest: climate change, coastal areas, National Climate Assessment highlights, climate change indicators, regional climate trends, sea level change calculator and related regulations.*

**EPA Power Profiler**

**URL:** [www.epa.gov/energy/measure-your-impact](http://www.epa.gov/energy/measure-your-impact)

**Description:** *Tools and data to measure the environmental impact of energy use, per zip code.*

**Resources:** *Power Profiler, Carbon Footprint Calculator, Greenhouse Gas (GHG) equivalencies Calculator translates abstract energy and emissions numbers into concrete terms you can understand.*

**European Environment Agency (EEA)**

**URL:** [www.eea.europa.eu](http://www.eea.europa.eu)

**Description:** *The European Environment Agency (EEA) is an agency of the European Union, currently with*

33 member countries. Our task is to provide sound, independent information on the environment. We are a major information source for those involved in developing, adopting, implementing and evaluating environmental policy, and also the general public.

**Resources:** e-Newsletter, infographics, media highlights, Interactive data viewers and map sets, climate change indicators, topic searchable publication archive, including air pollution, biodiversity, climate change, land use; vacancies for science experts, consultants, job positions.

#### **European Sustainable Cities Platform**

**URL:** <http://www.sustainablecities.eu/>

**Description:** *The Sustainable Cities Platform is a new project born from the Sustainable Cities & Towns Campaign, 1994-2013. As has always been the case, Sustainable Cities is a movement led by members for the benefit of members. The new Platform is designed so that various cities and towns in Europe can continue to share their sustainability information and initiatives.*

**Resources:** e-Newsletter, events, conferences, Aalborg Charter, sustainable city campaigns, city presentations.

#### **Every Woman Every Child (EWEC)**

**URL:** <http://www.ewechub.org/>

**Description:** *Ensuring the survival, health and well-being of women, children and adolescents is essential to ending extreme poverty, promoting development and resilience, and achieving all the Sustainable Development Goals (SDGs)*

**Resources:** Reports, photos, videos, case studies, action toolkit, social media tools, media center, events.

#### **Extreme Events Institute - Florida International University**

**URL:** [news.fiu.edu/tag/extreme-events-institute](http://news.fiu.edu/tag/extreme-events-institute)

**Description:** The Institute encompasses the severe weather capabilities of FIU, including “wall of wind” testing facility, windstorm insurance public loss modeling, and storm surge modeling.

## **F**

#### **FE2W Network Food Energy Environment Water**

**URL:** <http://www.fe2wnetwork.org>

**Description:** The FE2W Network works with decision-makers to improve the understanding of systemic risks and how to manage shocks across these systems. We are group of leading experts from universities, multilateral and non-government organizations committed to addressing the world's food, energy, environment and water challenges. We provide decision-makers at all levels with the knowledge and frameworks to effectively manage the trade-offs between food, energy, environment, water. Our approach is founded on collaboration and an emphasis on poverty reduction, sustainable livelihoods, and the need to maintain critical ecosystem services. We will engage with the people who make the decision from farmers to policy makers to consumers, and enable actions that result in improved long-term outcomes.

**Resources:** FE2W Newsletter, videos, publication,

#### **Federal Alliance for Safe Homes (FLASH)**

**URL:** [www.flash.org](http://www.flash.org)

**Description:** *The non-profit Federal Alliance for Safe Homes (FLASH®) is the country's leading consumer advocate for strengthening homes and safeguarding families from natural and manmade disasters.*

*Mission statement: To promote life safety, property protection and resiliency by empowering the community with knowledge and resources for strengthening homes and safeguarding families from natural and man-made disasters.*

**Resources:** Membership and sponsorships (various levels), events; publications, including *Resilient Design Guide: High Wind Wood Frame Construction*, Annual Conference typically November each year.

**Federation of Earth Science Information Partners (ESIP)****URL:** <http://www.esipfed.org>**Description:** *ESIP is a broad-based, volunteer community comprising researchers and associated groups that produce, interpret and develop applications for Earth and environmental science data. ESIP helps this community facilitate connections, collaborations and innovation across the science, technology and applications communities.***Resources:** news, blogs, meetings (archived), student fellowship grants, internships, Rankin scholarship (Earth or computer science),**FierceGovernment Homeland Security****URL:** [www.fiercehomelandsecurity.com](http://www.fiercehomelandsecurity.com)**Description:** *e-newsletter tracks the latest developments and advancements in the U.S. government, including disaster preparedness and response, critical infrastructure.***Resources:** e-Newsletter, library, webinars.**Fire Adapted Communities Learning Network (FAC)****URL:** <http://facnetwork.org/>**Description:** *This site was created to enhance networking and dialogue, and increase the sharing learning and innovations related to community wildfire resilience. The blog will foster a community of practice comprised of local leaders, firefighters, land managers, business owners and others who are applying fire adapted community concepts. The FAC Learning Network encourages the development and sharing of best practices and innovations in order to accelerate the adoption of fire adapted community concepts nationwide. The Network supports hub organizations and pilot communities across the United States that have committed to implementing, assessing and sharing the work that they are doing to increase their communities' resilience to wildfire. The FAC Learning Network operates at multiple scales. Pilot communities are the foundation for implementing FAC strategies, and hub organizations organize local coordinating groups that bring together partners in the pilot communities to plan and implement local action. The hub organizations then share lessons from the pilot communities regionally and nationally through the Network. This structure of formal and informal connections among community organizers, regional partners and national-network coordinators allows us to share information at all levels, elevating our collective ability to adapt communities' relationships to the complex fire issues we face. The Network is managed by the Watershed Research and Training Center and The Nature Conservancy.***Resources:** Blog, extensive resources.**FLARE Network****URL:** <http://www.forestlivelihoods.org>**Description:** *FLARE (Forests & Livelihoods: Assessment, Research, and Engagement) aims to advance the state of knowledge regarding forest-based livelihoods. By bringing together representatives of key stakeholders – donor organizations, environmental and social NGOs, development agencies, and research organizations – we will build on and leverage existing expertise and efforts to share and advance cutting edge knowledge and conversations on forest-based livelihoods. Ultimately, the goals of FLARE are to generate usable information and methodologies for collecting it; develop, promote and share the findings of the group; and implement such tools, knowledge, and methods to improve monitoring efforts and, ultimately, the efficacy of forest-dependent livelihood interventions around the world.***Resources:** e-Newsletter, publications (searchable by topic), events, working groups.**Floodsmart.gov****URL:** [www.floodsmart.gov](http://www.floodsmart.gov)**Description:** *Official website of the FEMA National Flood Insurance Program (NFIP).***Resources:** Recent updates, New Flood maps, Flood Facts, tool kits, glossary, What Could Flooding Cost Me? One-step Flood Risk Profile, extensive resources (searchable by topic)**Florida Climate Institute**

**URL:** <https://floridacclimateinstitute.org>

**Description:** *The Florida Climate Institute (FCI) is a multi-disciplinary network of national and international research and public organizations, scientists, and individuals concerned with achieving a better understanding of climate variability and change. The Florida Climate Institute is involved in a number of interdisciplinary projects related to climate research, education and outreach activities. Examples of FCI projects include using climate information for agricultural risk reduction; creating cooperatives for climate change education; and using climate forecasts to reduce risks in public water supply.*

**Resources:** e-Newsletters, presentations (extensive-archived with slides), publications, reports on cross-disciplinary research: Ecosystems, Natural Resources, Human resources; Affiliates Program open to university researchers and representatives from government and industry in Florida who work in climate research, teaching or outreach (apply via website); employment opportunities (extensive lists); Report: *Adaptation Pathways 1.0: Guide for Navigating Sea-Level Rise in the Build Environment*.

#### **Florida Earth Foundation**

**URL:** [www.floridaeearth.org](http://www.floridaeearth.org)

**Description:** *Florida Earth's vision: through unbiased world class education and collaborative problem solving, FEF connects the domestic and international community of water experts, policy makers, students and stakeholders to exchange knowledge and develop solutions for the benefit of a sustainable Florida, nation and globe.*

**Resources:** Domestic and international program, focus on water.

#### **Focus on Floods – The Nurture Nature Center**

**URL:** <http://focusonfloods.org>

**Description:** *Focus On Floods is a flood education campaign, based in Upper Delaware Watershed, developed through a cooperative partnership with National Oceanic and Atmospheric Administration and the National Weather Service. Focus on Floods was designed to help residents and individuals in the Delaware River Basin and beyond improve their flood readiness. The project shares information with individuals, via radio, television, Internet and other venues, about how to use National Weather Service flood forecasting and warning tools, and other critical flood preparedness information. It has recently expanded to include information about coastal flooding and social science related to flooding.*

**Resources:** (Extensive) "Prepare, then Share" flood-related information and links; animated film, DVD "Focus on Floods" activity worksheets, Family GO Kit; "What is your Number Magnet" education about river flood stage gage system.

#### **Food and Water Watch**

**URL:** <http://www.foodandwaterwatch.org>

**Description:** *Food & Water Watch [is an independent consumer advocacy group that] champions healthy food and clean water for all. We stand up to corporations that put profits before people, and advocate for a democracy that improves people's lives and protects our environment. Food: We work to promote the practices and policies that will result in sustainable and secure food systems that provide healthy food for consumers and an economically viable living for family farmers and rural communities. Water: We advocate for public control of water resources and services, strong conservation measures and tough regulation of toxic emissions.*

**Resources:** Resources (extensive, searchable by topic), Job and volunteer postings.

#### **Forest Trends**

**URL:** <http://www.forest-trends.org>

**Description:** *Forest Trends works to conserve forests and other ecosystems through the creation and wide adoption of a broad range of environmental finance, markets and other payment and incentive mechanisms. Forest Trends does so by: Providing transparent information on ecosystem values, finance, and markets through knowledge acquisition, analysis, and dissemination; convening diverse coalitions, partners and communities of practice to promote environmental values and advance*

*development of new markets and payment mechanisms; and demonstrating successful tools, standards, and models of innovative finance for conservation.*

**Resources:** e-Newsletters, articles, publications, job announcements, carbon, water, biodiversity markets, Ecosystem Marketplace

#### **Four Twenty Seven Climate Solutions, Inc. (427)**

**URL:** <http://427mt.com>

**Description:** *Four Twenty Seven is a mission-driven company dedicated to building climate resilience through social innovation. We believe private sector preparedness is essential to community resilience. We deliver solutions that help companies integrate climate risk intelligence into business decision-making. We believe that climate resilience is more than risk management. We challenge our clients to implement solutions that grow their business while protecting local communities. We believe successful adaptation calls for renewed dialogue and partnership between the public and private sectors. We engage in research and projects that foster this dialogue and support our collective journey towards resilience.*

**Resources:** e-Newsletter (archived), heat vulnerability aps, top 10 corporate climate risk guides, training courses.

#### **Frameworks Institute**

**URL:** [frameworksinstitute.org/climate-change-and-the-ocean](http://frameworksinstitute.org/climate-change-and-the-ocean)

**Description:** *The mission of the FrameWorks Institute is to advance the nonprofit sector's communications capacity by identifying, translating and modeling relevant scholarly research for framing the public discourse about social problems. FrameWorks designs, conducts, and publishes multi-method, multi-disciplinary communications research to empirically identify the most effective ways of reframing social and scientific topics. The Institute also offers strategic guidance and a variety of professional learning opportunities for advocates, scientists, policymakers, and nonprofit leaders.*

**Resources:** e-Newsletter, Climate Communication Study Circles (5-year evaluation), employment opportunities; case studies, events calendar, Strategic Frame Analysis™,

#### **Friends Committee on National Legislation (FCNL)**

**URL:** [fcnl.org](http://fcnl.org)

**Description:** *Founded in 1943 as a Lobby in the Public Interest, by members of the Religious Society of Friends (Quakers), FCNL's nonpartisan, multi-issue advocacy connects historic Quaker testimonies on peace, equality, simplicity, and truth with peace and social justice issues. FCNL fields the largest team of registered peace lobbyists in Washington, DC. Issues include peace, justice, communities, environment, climate.*

**Resources:** e-Newsletter (quarterly, archived); fact sheets, reports, events, job and volunteer postings, "Take Back the Tap" pledge.

#### **Full-Spectrum Risk Knowledgebase (FEMA)**

**URL:** <https://riskknowledge.fema.gov>

**Description:** *The Full-Spectrum Risk Knowledgebase is an initiative of FEMA to support federal, state, territorial, tribal, and local government officials and key partners in considering their risks and to enhance risk-informed decision making. The Knowledgebase is a secure reference site that can be used to build all-hazards risk knowledge and provide decision support. The Knowledgebase includes descriptions of threats and hazards, visual depictions of hazards cause and consequence, mitigation strategies and countermeasures, and information on the application of different structured analytic techniques to aid in analyses.*

**Resources:** Access to the Knowledgebase is granted to government employees throughout the United States and U.S. territories at all levels of government (civilian and military) and to non-government stakeholders (U.S. citizens only), considering the key role that all stakeholders play in addressing wide-ranging risks. Non-government stakeholders include government contractors and consultants, private

sector infrastructure owners/operators, those in the non-profit sector and academia, and members of professional associations and volunteer organizations, among others.

#### **Futureearth (Future Earth)**

**URL:** <http://www.futureearth.org/>

**Description:** *Future Earth is a major international research platform providing the knowledge and support transformations to a sustainable world. Launched in 2015, Future Earth is a 10-year initiative to advance Global Sustainability Science, build capacity in this rapidly expanding area of research and provide an international research agenda to guide natural and social scientists working around the world. But it is also a platform for international engagement to ensure that knowledge is generated in partnership with society and users of science.*

**Resources:** e-Newsletter *Daily Science Dispatch*, Magazine: *Anthropocene – Innovation in the Human Age*, publications, webinars, *Future Earth Media Lab*, *Open Network blog*.

#### **Futurewise**

**URL:** <http://www.futurewisewa.org/>

**Description:** *We all want to live in a great community – one where all people have access to jobs, housing and effective transportation; a place where people are healthy with clean air and water, safe streets and plenty of green spaces; a community where our unique places, cultural traditions, and critical natural resources are preserved and leveraged to ensure a better quality of life for everyone today and in the future.*

**Resources:** Reports: *2016 Framework for the Future*, *King’s County Stormwater Infrastructure*, *Seattle Health and Equity Assessment*

### **G**

#### **Garrison Institute Climate, Mind, Behavior Program**

**URL:** [www.garrisoninstitute.org/climate-and-behavior](http://www.garrisoninstitute.org/climate-and-behavior)

**Description:** *Our Initiative on Transformational Ecology (ITE) examines how our states of mind and patterns of thought and behavior impact the environment... draws on contemplative-based approaches to develop people-centered strategies for shifting behaviors and their impacts. Currently, the principle activity of ITE is the Climate, Mind and Behavior (CMB) program.*

**Resources:** e-Newsletter, conferences, reports.

#### **Georgetown Climate Center (Adaptation Clearinghouse)**

**URL:** [www.georgetownclimate.org/adaptation/clearinghouse](http://www.georgetownclimate.org/adaptation/clearinghouse)

**Description:** *“Supporting Climate Partnerships at every level of government...A leading resource for State and Federal Policy” - The nonpartisan Georgetown Climate Center seeks to advance effective climate, energy, and transportation policies in the United States—policies that reduce greenhouse gas emissions and help communities adapt to climate change. The Center performs a vital role in the development of policy by connecting states and federal policymakers; Analyzing legislative and regulatory developments and assisting with program design; Sharing best practices and success stories with state and federal policymakers; Serving as a resource to all states in addressing climate change and promoting a clean energy economy.*

**Resources:** Topic search of resources.

#### **GEOS Institute**

**URL:** [www.geosinstitute.org](http://www.geosinstitute.org)

**Description:** *The Geos Institute is a nonprofit organization that uses science to help people predict, reduce, and prepare for climate change. Based in Ashland, Oregon, we bring the best available science to community and natural resource planning processes, through publications, consulting services, and bridge building between scientists and decision makers.*

**Resources:** Topic search of resources available via website: extensive list of resources, videos, reports.



**German Development Institute (GDI) (Deutsches Institut für Entwicklungspolitik)**

**URL:** [www.die-gdi.de/en](http://www.die-gdi.de/en)

**Description:** *DIE promotes the awareness of linkages between climate change and development and investigates specific conditions for a climate-smart and just transformation towards decarbonization and resilience.*

**Resources:** publications, research, training, events, Klimalog Project, INDC (Intended Nationally Determined Contributions) Content Explorer compares national climate plan, international internships.

**Global Call for Climate Action (GCCA)**

**URL:** <http://tckctck.org/>

**Description:** *The GCCA is a diverse network of more than 450 nonprofit organizations in more than 70 countries with a shared goal — a world safe from runaway climate change. The GCCA harnesses the strengths of faith, development, science, environment, youth, labor, and other civil society organizations to mobilize citizens and galvanize public opinion in support of urgent climate action. We connect and facilitate the efforts of our partners; we communicate about climate challenges and solutions; and we help partners mobilize people in support of strong, equitable government action.*

**Resources:** e-Newsletter, Daily Climate News, [Climate Voices video stories](#), photos, publications, GCCA Call to Action, Spoken Word for the World competition.

**Global Carbon Capture and Storage Institute**

**URL:** <http://www.globalccsinstitute.com/>

**Description:** *The Global CCS Institute is an international membership organization. Our mission is to accelerate the development, demonstration and deployment of carbon capture and storage (CCS), a vital technology to tackle climate change and provide energy security. We drive the adoption of CCS by sharing expertise, building capacity and providing advice and support so that this vital technology can play its part in reducing greenhouse gas emissions. Our international membership consists of governments, global corporations, small companies, research bodies and non-government organizations, committed to CCS as an integral part of a low-carbon future.*

**Resources:** News updates, publications, topics include: carbon capture, policy, public engagement, economics, engineering. Report: *Introduction to Industrial Carbon Capture and Storage*

**Global Carbon Project (GCP)**

**URL:** <http://www.globalcarbonproject.org/>

**Description:** *The Global Carbon Project was formed to assist the international science community to establish a common, mutually agreed knowledge base supporting policy debate and action to slow the rate of increase of greenhouse gases in the atmosphere. These societal actions require a scientific understanding of the carbon cycle, and are placing increasing demands on the international science community to establish a common, mutually agreed knowledge base to support policy debate and action.*

**Resources:** Meetings, workshops, infographics, publications, *Carbon Atlas*, *Carbon Budget*, *Methane Budget*, urbanization.

**Global Catastrophic Risk Institute (GCRI)**

**URL:** <http://gcrinstitute.org/>

**Description:** *GCRI is a think tank leading research, education, and professional networking on global catastrophic risk. Our mission is to help mobilize the world's intellectual and professional resources to meet humanity's gravest threats.*

**Resources:** Publications, affiliate status (for researchers) and e-Newsletter. On-line discussion.

**Global Change Master Directory (GCMD) - NASA**

**URL:** <http://gcmd.gsfc.nasa.gov>

**Description:** *The GCMD holds more than 35,000 Earth science data set and service descriptions, which cover subject areas within the Earth and environmental sciences. The project mission is to assist*

researchers, policy makers, and the public in the discovery of and access to data, related services, and ancillary information (which includes descriptions of instruments and platforms) relevant to global change and Earth science research.

**Resources:** Extensive portals and directory (Earth Data) offer online authoring tools to providers of data and services, facilitating the capability to make their products available to the Earth science community. Users may perform searches through the Directory's website using controlled keywords, free-text searches, map/date searches or any combination of these. Users may also search or refine a search by data center, location, instrument, platform, project, or temporal/spatial resolution.

### Global Climate Change Week

**URL:** <http://globalclimatechangeweek.com/>

**Description:** *Global Climate Change Week (GCCW) aims to encourage academic communities – including academics, students, and non-academic staff at universities – in all disciplines and countries to engage with each other, their communities, and policy makers on climate change action and solutions. Held annually in October, GCCW provides an open-ended framework for voluntary activities aimed at raising awareness, inspiring behavior change, and driving political transformation in relation to climate policy.*

**Resources:** Updates, FAQ sheets; "How to organize Global Climate Change Week at your university,"

### Global Commission on the Economy and Climate (GCEC) – The New Climate Economy

**URL:** [newclimateeconomy](http://newclimateeconomy.com)

**Description:** *The Global Commission on the Economy and Climate is a major international initiative to analyze and communicate the economic benefits and costs of acting on climate change. The New Climate Economy is the Commission's flagship project. It provides independent and authoritative evidence on the relationship between actions, which can strengthen economic performance and those that reduce the risk of dangerous climate change. The Global Commission on the Economy and Climate was commissioned by seven countries – Colombia, Ethiopia, Indonesia, Norway, South Korea, Sweden and the United Kingdom – as an independent initiative to report to the international community.*

**Resources:** e-Newsletter GCEC News, reports, working papers, conferences, 2015 Report "Seizing the Global Opportunity: partnerships for better growth and a better climate." 2016 Report: "The Sustainable Infrastructure Imperative."

### Global Energy Initiative

**URL:** <http://www.globalenergyinitiative.org/>

**Description:** *Global Energy Initiative is an international not-for-profit organization with the mission of promoting sustainable energy for all, fighting energy poverty, protecting the environment, and mitigating the effects of climate change. The Initiative aims to create a new energy paradigm that will contribute to more equitable economic and social development—to the benefit of humanity in general—with a primary focus on developing nations. Global Energy Initiative is dedicated to the broader principles and guidelines adopted by the United Nations for achieving the Sustainable Development Goals (SDGs) and will contribute to the success of the next ten years which the United Nations have entitled, 2014-2024: The Decade of Sustainable Energy for All.*

**Resources:** News updates (weekly); world energy (donor support all levels); UN other conferences; student essay contest; young professionals program; light up a village campaign; internships (unpaid).

### Global Facility for Disaster Reduction and Recovery (GFDRR)

**URL:** [www.gfdr.org](http://www.gfdr.org)

*Established in 2006, GFDRR is a partnership of 41 countries and 8 international organizations committed to helping developing countries reduce their vulnerability to natural hazards and adapt to climate change. The partnership's mission is to mainstream disaster risk reduction (DRR) and climate change adaptation (CCA) in country development strategies by supporting a country-led and managed implementation of the Hyogo Framework for Action (HFA). GFDRR's Partnership Charter, revised in April 2010, sets its original mission, rationale, and governance structure.*

**Resources:** Topic search of resources.

**Global Footprint Network****URL:** <http://www.footprintnetwork.org>**Description:** *In 2003, Global Footprint Network, a 501c (3) nonprofit organization, was established to enable a sustainable future where all people have the opportunity to live satisfying lives within the means of one planet. Our work aims to accelerate the use of the Ecological Footprint — a resource accounting tool that measures how much nature we have, how much we use, and who uses what. The Ecological Footprint is a data-driven metric that tells us how close we are to the goal of sustainable living.***Resources:** e-Newsletter *Footprint Network News* (archived), interviews & films, case stories, job / intern / volunteer opportunities, Reports (regional), *National Footprint Accounts*, *Footprint Calculator*, *Living Planet Report*.**Global Green Institute (GGGI)****URL:** <http://gggi.org/>**Description:** *The Global Green Growth Institute (GGGI) is an international organization dedicated to supporting and promoting strong, inclusive and sustainable economic growth in developing countries and emerging economies. Established in 2012, at the Rio+20 United Nations Conference on Sustainable Development, GGGI is accelerating the transition toward a new model of economic growth – green growth – founded on principles of social inclusivity and environmental sustainability.***Resources:** Stakeholder workshops, policy documents: Green Growth planning and administration, events, job postings, business RFPs; *GGGI Value Chain*; focus areas: energy water, land use, green city development.**Global Green USA****URL:** <http://www.globalgreen.org/>**Description:** *The mission of Global Green USA is to foster a global value shift toward a sustainable and secure future. Global Green is a national leader in advancing sustainable and resilient communities. We green cities, schools, and affordable housing to help protect human health, improve livability, and support our planet's natural systems in an effort to stem climate change.***Resources:** videos, employment and internships, volunteers, Peace Fellowship; RFP grants for Sustainable Neighborhood planning.**Global Humanitarian Assistance Program (GHA)****URL:** [www.globalhumanitarianassistance.org](http://www.globalhumanitarianassistance.org)**Description:** *The Global Humanitarian Assistance (GHA) program provides objective, independent, rigorous data and analysis on humanitarian financing and related aid flows. Our aim is to enable access to a shared evidence base on resources to meet the needs of people living in humanitarian crises. We believe that humanitarian decision-making should be informed by evidence and that reliable information is fundamental for improved accountability and effectiveness. GHA is run by Development Initiatives (DI), an independent organization committed to ending poverty by 2030 and is funded by the governments of Canada, the Netherlands, Sweden and the United Kingdom.***Resources:** Reports, crisis briefings, blogs, data, country profiles, infographics, tools; *Global Humanitarian Assistance Report 2016*.**Global Resilience Systems (GRS)****URL:** <http://resiliencesystem.org>**Description:** *The Global Resilience System (GRS) is a rapidly growing global aggregation of nested Resilience Systems (e.g., US Resilience System, Haiti Resilience System, Vietnam Resilience System, Japan Resilience System and their nested subsystems). These Resilience Systems are focused on protecting and improving the health, human security, resilience and sustainability of human populations and the viability of their ecosystems. The GRS is part of a global initiative with the primary goal of improving the health,*

*well-being, and prosperity of all world citizens and their communities by fostering a resilient response to change that also protects the interests of biodiversity and human populations into the future.*

**Resources:** Resilient Networks (RN), FAC (Focus Agility and Convergence) Teams, Trust Networks, on-line blogs/forums (common interest groups), publications, Challenge Award.

### **Global Water Forum (UNESCO)**

**URL:** <http://www.globalwaterforum.org/research/federal-rivers/>

**Description:** *The Global Water Forum was established in 2010 as an initiative of the UNESCO Chair in Water Economics and Transboundary Water Governance in order to make water related knowledge and resources freely available. The contributions provide evidence-based, accessible, and freely available articles looking at local, regional, and global water challenges.*

**Resources:** Publications, tools, awards, scholarship opportunities. Discussion paper: King, Carey w. (March 2014) "Principles for protecting freshwater resources and biodiversity during a low-carbon energy transition."

### **Governing - e-Newsletters**

**URL:** <http://www.governing.com/about>

**Description:** *GOVERNING is the nation's leading media platform covering politics, policy and management for state and local government leaders. Recognized as the most credible and authoritative voice in its field, GOVERNING provides nonpartisan news, insight and analysis on such issues as public finance, transportation, economic development, health, energy, the environment and technology. The core of GOVERNING's readership consists of elected, appointed and career officials in state and local government, including governors, mayors, county executives, city and county council members, state legislators, executives of state and local agencies, and those holding professional government positions such as attorneys, public accountants, engineers and educators.*

**Resources:** Free e-Newsletter(s) on finance, data, systems engineering, health, infrastructure, resources, management, videos, photo archive, webinars, health infrastructure, management, public safety, urban planning; editorial internships, open positions, jobs.

### **Government Technology Solutions for State and Local Government**

**URL:** [www.govtech.com](http://www.govtech.com)

**Description:** *The online portal to Government Technology, a division of e.Republic, Inc. Government Technology and its sister publications are a family of magazines covering information technology's role in state and local governments. Managers, elected officials, CIOs and technology staff at all levels of government gain IT news and event information from Government Technology magazine.*

**Resources:** Issue papers, news items cloud-based disaster recovery, e-Newsetter.

### **Graham Sustainability Institute - Climate Center University of Michigan**

**URL:** <http://graham.umich.edu/climate>

**Description:** *The mission of the University of Michigan Climate Center is to contribute to the long-term social, economic, and environment sustainability of the Great Lakes region in the face of climate change and to inform decision makers with useful and useable climate information. Over the last five years, the Climate Center has built a foundation for this work through its urban adaptation pilot program. The Great Lakes Adaptation Assessment for Cities (GLAA-C) and its federally funded climate data development and education program, GLISA. Some of our partners include natural resource managers, watershed councils, municipal governments, state and regional governments, and federal agencies.*

**Resources:** e-newsletter Planet Blue (monthly), decision tools, publications, resources by sector: urban, agriculture, ecosystem, water

### **GreenBuilder Media**

**URL:** [greenbuildermedia.com](http://greenbuildermedia.com)

**Description:** *Green Builder® Media, LLC is the leading media company in the North American residential building industry focused exclusively on green building and responsible growth. With a comprehensive*

*suite of print media, online options, demonstration homes, case studies, training and education vehicles, and live events, Green Builder Media assists building professionals prepare for the new green economy.*

#### **Greenhouse Gas Management Institute**

**URL:** <http://ghginstitute.org>

**Description:** *The Greenhouse Gas Management Institute is a non-profit organization dedicated to training tomorrow's experts on the principles, concepts and techniques to manage and credibly account for GHG emissions. Our mission is to address climate change by building and supporting a global community of experts with the highest standards of professional practice in measuring, accounting, auditing and managing greenhouse gas emissions; meeting the needs of governments, corporations and organizations large and small.*

**Resources:** e-newsletter, on-line training, workshops, journal, inventory reports, issue briefs, certifications for course completions, The Carbon Institute.

#### **Green Building Initiative**

**URL:** [www.thegbi.org](http://www.thegbi.org)

**Description:** *The Green Building Initiative (GBI) is a nonprofit organization whose mission is to accelerate the adoption of building practices that result in energy-efficient, healthier and environmentally sustainable buildings by promoting credible and practical green building approaches for commercial construction.*

**Resources:** Case studies (all building types); Sponsor Green Globes certification buildings.

#### **Green Climate Fund**

**URL:** <http://www.greenclimate.fund/>

**Description:** *The Green Climate Fund's vision is to support a paradigm shift to low-emission and climate-resilient development. It is driven by innovation and targets its investments for transformational impact. To achieve maximum results, GCF seeks to catalyze funds, multiplying the effect of its initial financing by opening markets to new investments. The Fund aims to maximize the impact of public finance in a creative way, and to attract new sources of private finance to catalyze investment in mitigation and adaptation projects in the developing world.*

**Resources:** job postings, expert consultant roster, publications, project briefs, infographs.

#### **Green Infrastructure Center (GIC)**

**URL:** [gicinc.org](http://gicinc.org)

**Description:** *The Green Infrastructure Center, Inc. (GIC) was formed in 2006 to help local governments, communities, and regional planning organizations, land trusts and developers evaluate their green infrastructure assets and make plans to conserve them. The Green Infrastructure Center provides the suite of tools – economic analysis, mapping, and land use planning and asset assessment – needed by communities to protect and restore their natural assets. Staff teams help localities inventory their assets and create strategies for their conservation or restoration. We work at the regional and local scale in rural, suburban and urban environments.*

**Resources:** Presentations, reports, planning guide (for sale).

#### **Guardian Cities**

**URL:** [www.theguardian.com/cities](http://www.theguardian.com/cities)

**Description:** *The Guardian Cities website is supported by the Rockefeller Foundation. The site offers a forum for debate and sharing of ideas about the future of cities across the world.*

**Funding:** private foundations / Rockefeller Foundation Resilient Cities for the 21<sup>st</sup> Century

**Resources:** Event updates.

## **H**

#### **Homeland Security Affairs**

**URL:** [www.hsaj.org/about-the-journal](http://www.hsaj.org/about-the-journal)

**Description:** *Homeland Security Affairs* is the peer-reviewed online journal of the **Naval Postgraduate School Center for Homeland Defense and Security (CHDS)**, providing a forum to propose and debate strategies, policies, and organizational arrangements to strengthen U.S. homeland security.

**Resources:** Publication archives, submission guidelines, subscription

#### **Homeland Security Digital Library (HSDL)**

**URL:** [www.hsdl.org](http://www.hsdl.org)

**Description:** *HSDL is the nation's premier collection of documents related to homeland security policy, strategy, and organizational management, sponsored by the U.S. Department of Homeland Security's National Preparedness Directorate, FEMA and the Naval Postgraduate School Center for Homeland Defense and Security. Our mission is to strengthen national security of the United States by supporting federal, state, local, and tribal analysis, debate, and decision-making needs and to assist academics of all disciplines in homeland defense and security related research.*

**Resources:** library searchable by via open source website (some are restricted subject to user authentication); training, events, grant listings (extensive).

#### **Homeland Security News Wire**

**URL:** [www.homelandsecuritynewswire.com](http://www.homelandsecuritynewswire.com)

**Description:** *The Homeland Security News Wire is the homeland security industry's largest online daily news publication, authoritative, in-depth analysis and coverage of the day's most important homeland security stories. It is an essential tool for busy executives, key decision makers and senior policy experts and those who wish to remain in the know, and make more informed security related decisions.*

**Resources:** e-Newsletter (daily) by free subscription, *Homeland Security News Wire* covers and analyzes key issues in biometrics, business, continuity/recovery, cybersecurity, emergency/policy/military, infrastructure, public health/ biodefense, surveillance, transportation.

#### **Homeland Security Watch (HLS Watch)**

**URL:** <http://www.hlswatch.com>

**Description:** *Homeland Security Watch is a blog that features breaking news, rigorous analysis, and informed commentary on the critical issues in homeland security today. It takes a cross-disciplinary approach to the subject of homeland security, spanning issues such as transportation security, preparedness and response, infrastructure protection, and border security. Its content is intended both for an expert-level policy audience as well as the broader general audience of people interested in homeland security. The blog is non-partisan and non-commercial.*

**Resources:** *blog portal*, extensive database searchable by topic listings. Contributions invited to blog post and newsworthy citations, *Friday Free Forum*

#### **Humanitarian OpenStreetMap Team (HOT)**

**URL:** <https://hotosm.org/>

**Description:** *HOT supports community mapping projects around the world and assists people to create their own maps for socio-economic development and disaster preparedness. When major disaster strikes anywhere in the world, HOT rallies a huge network of volunteers to create, online, the maps that enable responders to reach those in need. Many of the poorest and most vulnerable places in the world do not exist on any map. To date over 3,500 Missing Maps volunteers have collectively made 12 million edits to OpenStreetMap and put 7.5 million people on the map.*

**Resources:** News page, project reports, customized training workshops in open data, mapping and GIS tools. Open source programs and applications to leverage collaborative mapping and new technologies in the field of geographic information for humanitarian aid.

I

#### **Infrastructure and Climate Network**

**URL:** <http://theicnet.org/>



**Description:** *The Infrastructure & Climate Network (ICNet) is a network of over 50 academics, students, and practitioners who are dedicated to accelerating climate science and engineering research in the Northeastern United States. ICNet focuses on climate change and sea level rise impacts and adaptation for sustainable bridges, roads, and transportation networks. ICNet was established with support from the National Science Foundation and is based at University of New Hampshire.*

**Resources:** Webinars, workshops, meetings, other resources.

#### **Initiative for a Competitive Inner City (ICIC)**

**URL:** [www.icic.org](http://www.icic.org)

**Description:** *Founded in 1994, the Initiative for a Competitive Inner City is a nonprofit research and strategy organization and the leading authority on U.S. inner city economies and the businesses that thrive there.*

**Resources:** case study library, webinars, sources of capital for inner city initiatives.

#### **Initiative for Climate Action Transparency (ICAT)**

**URL:** <http://www.climateactiontransparency.org/>

**Description:** *We work to provide policymakers around the world with tools and support to measure and assess the impacts of their climate actions. Working initially with 20 developing countries, the Initiative aims to help governments build capacity to measure the effects of their policies and report progress publicly, thus fostering greater transparency, effectiveness, trust and ambition in climate policies worldwide. The Initiative will improve the availability and quality of data, and enable countries to promote efficient, cost-effective policies. The Initiative will also provide a platform for countries to share lessons learned and build mutual confidence in their climate actions.*

**Resources:** web and blog postings

#### **Inside Climate News (ICN)**

**URL:** <http://insideclimatenews.org/>

**Description:** *ICN is a Pulitzer prize-winning, non-profit, non-partisan news organization that covers clean energy, carbon energy, nuclear energy and environmental science—plus the territory in between where law, policy and public opinion are shaped. Our mission is to produce clear, objective stories that give the public and decision-makers the information they need to navigate the heat and emotion of climate and energy debates. Climate and energy are defining issues of our time, yet most media outlets are now hard-pressed to devote sufficient resources to environmental and investigative reporting. Our goal is to fill this growing national deficiency and contribute to the accurate public understanding so crucial to the proper functioning of democracy.*

**Resources:** Various e-Newsletters (free subscriptions); Resources clean energy, climate, economic development, weekly news summary.

#### **Institute for Community Resiliency and Climate Adaptation Academy - Univ. of Connecticut**

**URL:** [clear.uconn.edu/climate/about-institute.htm](http://clear.uconn.edu/climate/about-institute.htm)

**Description:** *The Institute is designed to increase the resilience and sustainability of vulnerable communities and individuals along Connecticut's coast and inland waterways as they are affected by the growing impact of climate change on the environment. By bringing together experts in a wide range of academic disciplines and by developing cutting-edge research to solve practical problems, the UConn/DEEP/NOAA partnership will facilitate development of strategic plans for protecting the state's coastal region.*

**Resources:** Schedule of meetings, events postings.

#### **Institute for Crisis, Disaster and Risk Management**

**URL:** [www.gwu.edu/~icdr](http://www.gwu.edu/~icdr)

**Description:** *The George Washington University Institute for Crisis, Disaster and Risk Management (ICDRM) is celebrating its 18th anniversary as a Research Institute and 14th anniversary as a leading provider of graduate level education programs in the area of crisis, emergency and risk management.*

*Located within the Department of Engineering Management and Systems Engineering, the Institute conducts evening classes at the main GWU Foggy Bottom Campus.*

**Resources:** Academic programs, research, reports, ICDRM/GWY Emergency Management Glossary of Terms (2009).

#### **Institute for Defense and Government Advancement (IDGA)**

**URL:** [www.idga.org/about-us/](http://www.idga.org/about-us/)

**Description:** *The Institute for Defense & Government Advancement (IDGA) is a non-partisan information-based organization dedicated to the promotion of innovative ideas and latest developments in public service and defense through highly-popular live training and networking events, as well as an online community portal. Since 2003, IDGA's live events have included speaker panels and training programs comprised of leading professionals from the government, military and associated industries, while attracting delegates from various sectors.*

**Resources:** By membership (various levels), white papers, conferences, training, job opportunities.

#### **Institute for Governance and Planning Development (IGSD)**

**URL:** <http://www.igsd.org/>

**Description:** *The Institute's mission is to promote just and sustainable societies and to protect the environment by advancing the understanding, development and implementation of effective, accountable and democratic systems of governance for sustainable development. The Institute brings together professionals from around the world who are committed to strengthening environmental law and institutions to promote sustainable development.*

**Resources:** Technical reports, press release summaries (extensive), Reports: Climate and Clean Air Coalition (CCAC) Initiatives, Updates: Montreal Protocol.

#### **Institute for Market Transformation (IMT)**

**URL:** <http://www.imt.org/>

**Description:** *The Institute for Market Transformation (IMT) is a Washington, DC-based nonprofit organization promoting energy efficiency, green building, and environmental protection in the United States and abroad. The prevailing focus of IMT's work is energy efficiency in buildings. Our activities include technical and market research, policy and program development, and promotion of best practices and knowledge exchange. Our work involves many collaborators and targets a broad range of stakeholders in both the public and private sectors. IMT aims to strengthen market recognition of the link between buildings' energy efficiency and their financial value. IMT's efforts lead to important new policy outcomes, widespread changes in practice, and ultimately, lasting market shifts toward greater energy efficiency, with substantial benefits for the economy and the environment.*

**Resources:** e-Newsletter, publications, building energy code updates (IECC); job opportunities.

#### **Institute for Policy Studies (IPS)**

**URL:** <http://www.ips-dc.org>

**Description:** *IPS is a community of public scholars and organizers linking peace, justice, and the environment in the U.S. and globally. We work with social movements to promote true democracy and challenge concentrated wealth, corporate influence, and military power.*

**Resources:** Resilience Circles (facilitator training guide, webinar), events, films, blog, networking, fellowships, internships, job postings, Letelier-Moffit Human Rights Awards.

#### **Institute for Social and Environmental Transition-International (ISET-International)**

**URL:** <http://i-s-e-t.org/>

**Description:** *The Institute for Social and Environmental Transition-International (ISET-International) collaborates with local partners to build resilience and catalyze adaptation to social and environmental change. We particularly focus on strategies that address the fundamental challenges change poses for marginalized populations and those who lack the resources to adapt. Our work brings together theoretical and scientific insights with social engagement, local knowledge, and shared learning to identify practical*

*strategies at the local level and to foster the growth of applied knowledge. We work closely with sister organizations and other partners in South and Southeast Asia, the USA, and other regions.*

**Resources:** news postings, training manuals, publications, *Climate Resilience Framework*

#### **Institute for Sustainable Communities (ISC)**

**URL:** [www.iscvt.org](http://www.iscvt.org)

**Description:** *We believe in the power of communities—and their ability to help themselves grow stronger, healthier, more stable, more prosperous and more peaceful. We know that every community has within it the ability to find creative solutions to complex problems, and we help people realize this potential. We build capacity and infrastructure from the top-down and the bottom-up. Leaving a legacy of leadership as well as enduring results. Applying best practices from the public and private sector, ISC uses creative, flexible training and mentoring to help communities produce breakthrough results.*

**Resources:** News, projects; sponsors annual Sustainable Communities Leadership Academy.

#### **Institute for Water Resources (IWR) – U.S. Army Engineer Institute**

**URL:** [www.water-resources.us](http://www.water-resources.us)

**Description:** *IWR was formed 45 years ago to provide the USACE Civil Works Program with the capability to analyze and anticipate emerging water resource trends and issues facing our nation. From its beginnings, responding to the sweeping changes in water development policies and the passage of the National Environmental Policy Act in 1969, IWR has been tackling the water resources challenges coming from an ever increasing public demand for water projects and the policy and technological challenges of the 21st Century.*

**Resources:** News, library (extensive, searchable), careers, contracting, visiting scholars, Report *Engaging Vulnerable Populations in Water Resource Planning*.

#### **Insurance Institute for Business & Home Safety (IBHS)**

**URL:** [www.disastersafety.org](http://www.disastersafety.org)

**Description:** *IBHS provides DisasterSafety.org as a service to homeowners and business owners as part of its overall mission of reducing property losses. The IBHS mission is to conduct objective, scientific research to identify and promote effective actions that strengthen homes, businesses, and communities against natural disasters and other causes of loss. The Insurance Institute for Business & Home Safety envisions a world where the durability of homes and commercial buildings is a core societal value – greatly reducing human financial losses, as well as community disruptions, that result from natural and man-made disasters. IBHS member companies: Our members are insurers and reinsurers that conduct business in the United States or reinsure risks located in the United States. Affiliate membership is open to brokers, managing general agents and independent agents. Associate membership is open to all others who support our mission.*

**Resources:** Event updates, resources; Fortified building standards and guide; videos of IBHS Research Center tests (wind, rain, hail, fire).

#### **Intact Centre on Climate Adaptation (ICCA) – University of Waterloo**

**URL:** [www.intactcentreclimateadaptation.ca](http://www.intactcentreclimateadaptation.ca)

**Description:** *Intact Centre on Climate Adaptation (ICCA) is a national applied research centre that focuses on mobilizing practical and cost-effective solutions to address climate change and extreme weather events. ICCA is an incubator of new adaptation ideas, conducting research, knowledge mobilization and promoting initiatives aimed at de-risking the negative impacts of a changing climate and extreme weather.*

**Resources:** Conferences, events, Report: “Climate Change and the Preparedness to Limit Potential Flood Damage”

#### **Intergovernmental Panel on Climate Change (IPCC – UNEP)**

**URL:** <http://www.ipcc.ch/>

**Description:** *The Intergovernmental Panel on Climate Change (IPCC) is the leading international body for the assessment of climate change. Co-sponsors: WHO, UNEP*

**Resources:** extensive archives, reports, facts sheets, conferences, news, scholarship programs, links.

#### **Intergovernmental Sustainable Development Agenda (ISDA)**

**URL:** <http://sd.iisd.org/>

**Description:** *Sustainable development policy and practice, compilation of information international meetings, sustainable development knowledgebase, natural resources, sustainable development, climate change, sustainable energy, chemicals and waste, global regions.*

**Resources:** e-learning resources, daily news feed; articles, *Earth Negotiations Bulletin* (ENB).

#### **International Association for Urban Climate (IAUC)**

**URL:** <http://www.urban-climate.org>

**Description:** *The International Association for Urban Climate (IAUC) is an organization seeking membership from those with scientific, scholarly and technical interests in the climatology and meteorology of built-up areas and urban landscapes; IAUC communicates with its members via its website and a moderated email list server.*

**Resources:** e-Newsletter *The Urban Climate* (archived), Conferences and meetings (archived), discussion groups, awards, student paper awards, extensive publications, reports, bibliography; job/position postings.

#### **International Association of Emergency Managers (IAEM)**

**URL:** [www.iaem.com/](http://www.iaem.com/)

**Description:** *The International Association of Emergency Managers (IAEM), with more than 6,000 members worldwide, is a non-profit educational organization dedicated to promoting the "Principles of Emergency Management" and representing those professionals whose goals are saving lives and protecting property and the environment during emergencies and disasters.*

**Resources:** Event updates posted on website; awards programs and scholarship program

#### **International Carbon Action Partnership (ICAP)**

**URL:** [icapcarbonaction.com](http://icapcarbonaction.com)

**Description:** *The International Carbon Action Partnership (ICAP) is an international forum for governments and public authorities that have implemented or are planning to implement emissions trading systems (ETS). ICAP facilitates cooperation between countries, sub-national jurisdictions and supranational institutions that have established or are actively pursuing carbon markets through mandatory cap and trade systems. ICAP provides the opportunity for member jurisdictions to share best practices and discuss ETS design elements with a view to creating a well-functioning global carbon market through linking ETS. ICAP focuses on the three pillars of technical dialogue, ETS knowledge sharing and capacity building activities.*

**Resources:** *ICAP Newsletter* (archived), maps ETS status worldwide, fact sheets, courses, conference and workshop events.

#### **International Centre for Climate Change and Development (ICCCAD)**

**URL:** <http://www.icccad.net>

**Description:** *ICCCAD aims to be a global Centre of Excellence on Climate Change and Development research based in Bangladesh, where Climate Change has a significant impact. As a global Centre of Excellence, ICCCAD wants to build and lead a network of Southern based partner institutes, together educating the world about Climate Change and Development and increasing capacity in the South.*

**Resources:** workshops, publications, Climate Youth Initiative (CYI)

#### **International Centre for Integrated Mountain Development (ICIMOD)**

**URL:** [www.icimod.org/](http://www.icimod.org/)

**Description:** *The International Centre for Integrated Mountain Development (ICIMOD) is a regional intergovernmental learning and knowledge sharing centre serving the eight regional member countries of the Hindu Kush Himalayas – Afghanistan, Bangladesh, Bhutan, China, India, Myanmar, Nepal, and Pakistan – and based in Kathmandu, Nepal. Globalization and climate change have an increasing influence on the stability of fragile mountain ecosystems and the livelihoods of mountain people. ICIMOD aims to assist mountain people to understand these changes, adapt to them, and make the most of new opportunities, while addressing upstream-downstream issues.*

**Resources:** e-Newsletter IMICOD News Digest, regional database, photo gallery, stories, Nepal Earthquake 2015, Himalayan Document Centre (HIMALDOC), fellowships, career job listings.

#### **International Climate Change Information Programme (ICCIP)**

**URL:** <http://www.iccip.net/>

**Description:** *The aims of the "International Climate Change Information Programme" are: to disseminate the latest findings from scientific research on climate change: to undertake education, communication and awareness-raising projects on matters related to climate change in both industrialized and developing countries: to network people and organizations ways to discuss the problems, barriers, challenges related to communication on climate change.*

**Resources:** Library of publications, events, Decade of Climate Change Education, Awareness, and Training.

#### **International Disaster and Risk Conference (IDRC)**

**URL:** <http://idrc.info/home>

**Description:** *IDRC Davos 2014 attempts to find solutions to today's challenges by managing risks, reducing disasters and adapting to climate change. Focusing on a multi-sectors, multi-stakeholders and multi-disciplines approach IDRC helps to build stronger ties with adequate public-private partnership models among risk management communities and sectors, enabling a move towards a truly integrative way of thinking about disasters and risks. The outcomes will be presented at the UN World Conference WCDRR in Sendai, Japan in March 2015 and aim to influence the post 2015 agenda such as the Post-2015 Framework for Disaster Risk Reduction (HFA2), the Sustainable Development Goals (SDGs) or the successor of the UNFCCC Kyoto Protocol.*

#### **International Disaster Conference & Expo (IDCE)**

**URL:** <http://internationaldisasterconference.com/>

**Description:** *The mission of the International Disaster Conference & Expo (IDCE) is to unite public and private sector professionals from around the world for discussions regarding policy, lessons learned, best practices, and forward thinking, resulting in the mitigation of loss of life and property when catastrophic events occur. IDCE supports a broad spectrum of industry perspectives: Homeland Security, Emergency Management, Emergency Response, Disaster Recovery, Business Continuity, Resilience, Global Security.*

**Resources:** Annual Conferences.

#### **International Economic Development Council (IEDC)**

**URL:** <http://www.iedconline.org/index>

**Description:** *IEDC has developed a program of disaster preparedness and post-disaster economic recovery directed at economic development organizations, chambers of commerce, local business and trade organizations, and other economic recovery stakeholders. Economic developers promote economic well-being and quality of life for their communities, by creating, retaining and expanding jobs that facilitate growth, enhance wealth and provide a stable tax base. From public to private, rural to urban and local to international, IEDC's members are engaged in the full range of economic development experience. Our members create high-quality jobs, develop vibrant communities, and improve the quality of life in their regions.*

**Resources:** Publications, case studies, awards program, training Neighborhood Development Strategies; Disaster Preparedness and Economic Development webinar series (archived); volunteer opportunities, technical assistance, Disaster Recovery Web Portal: [RestorYourEconomy.org](http://RestorYourEconomy.org)

**International Energy Agency (IEA)****URL:** [www.iea.org](http://www.iea.org)**Description:** *The IEA is an autonomous organization that works to ensure reliable, affordable and clean energy for its 29 member countries and beyond. The IEA has four main areas of focus: energy security, economic development, environmental awareness and engagement worldwide.***Resources:** publications, training, glossary, Frequently asked questions (FAQs), employment postings, annual report: *World Energy Outlook*,**International Energy Alliance (IEA)****URL:** <http://internationalenergyalliance.org/>**Description:** *IEA began as four high school students recognized the rapid depletion of traditional fossil resources. The International Energy Alliance (IEA) in 2011 was established to educate, inform, and inspire like-minded individuals in an environmental pursuit to cause awareness and uncover possible solutions for the ongoing energy crisis.***Resources:** News (archived), business spotlight, energy technology, recommended reading, “Energy 101.”**International Federation of Red Cross and Red Crescent Societies****URL:** [www.ifrc.org/contingency planning](http://www.ifrc.org/contingency%20planning)**Description:** *Contingency planning aims to prepare an organization to respond well to an emergency and its potential humanitarian impact. Developing a contingency plan involves making decisions in advance about the management of human and financial resources, coordination and communications procedures, and being aware of a range of technical and logistical responses. Such planning is a management tool, involving all sectors, which can help ensure timely and effective provision of humanitarian aid to those most in need when a disaster occurs.***International Institute for Sustainable Development (IISD) – CLIMATE - L****URL:** [www.iisd.org](http://www.iisd.org)**Description:** *IISD’s mission is to promote human development and environmental sustainability through innovative research, communication and partnerships. The institute has offices in Canada, Switzerland and the United States, and operates in over 70 countries around the world. IISD has 501(c)(3) status in the U.S. IISD receives core support from the Government of Canada. rigorous and ambitious performance standard.***Resources:** IISD Reporting Service; publications searchable by topic, videos, policy papers, state-of-art and reporting service (extensive listing); *Earth Negotiations Bulletin (ENB)*; job postings (weekly), *Climate-L* (Daily feed announcement list for those involved in climate change policy - <http://climate-l.iisd.org>).**International Institute of Global Resilience (IIGR)****URL:** <http://aboutiigr.org>**Description:** *“Let’s start tomorrow today.” Launched by the S&R Foundation, currently, our primary focus is on Japan, a key friend and ally of the United States. To overcome disaster hand in hand with our friends across the world. Disaster preparedness and response are normally addressed locally, then within a State, Prefecture, or Region, and finally within a single country. If disaster practitioners from around the world connect with each other and share their experience and knowledge, disaster preparedness and response can be improved everywhere. In that regard, IIGR’s mission is to help strengthen the readiness and professionalism of the emergency management community worldwide through training, education, consulting, and research.***Resources:** Subject matter experts, international fellows program, advisory scholars, interns, partnerships.**International Living Futures Institute (ILFI) (Also see: Living Building Challenge Collaboratives)****URL:** [living-future.org](http://living-future.org)**Description:** *To lead and support the transformation toward communities that are socially just, culturally rich and ecologically restorative. The International Living Future Institute is a hub for visionary programs.*



*We administer the Living Building Challenge,™ the built environment's most rigorous and ambitious performance standard.*

**Resources:** publications.

#### **International Partnership on Mitigation and MRV (Measuring, Reporting and Verification)**

**URL:** <http://mitigationpartnership.net>

**Description:** *The overall aim of the Partnership is to support a practical exchange on mitigation-related activities and MRV between developing and developed countries in order to help close the global ambition gap. The Partnership is comprised of approximately 70 countries, the majority of which are from developing countries. The International Partnership on Mitigation and MRV has no formal character and is open to new countries.*

**Resources:** *Mitigation Newsletter (quarterly) archived, Projects, initiatives, Extensive publications, training, tools, research, reports (topic searchable); process guidance, Global Good Practice Analysis (examples of mitigation-related practice worldwide, searchable by topic and region).*

#### **International Renewable Energy Agency (IRENA)**

**URL:** [www.irena.org](http://www.irena.org)

**Description:** *The International Renewable Energy Agency (IRENA) is an intergovernmental organization that supports countries in their transition to a sustainable energy future, and serves as the principal platform for international co-operation, a centre of excellence, and a repository of policy, technology, resource and financial knowledge on renewable energy. IRENA promotes the widespread adoption and sustainable use of all forms of renewable energy, including bioenergy, geothermal, hydropower, ocean, solar and wind energy, in the pursuit of sustainable development, energy access, energy security and low-carbon economic growth and prosperity.*

**Resources:** events, country information, renewable energy statistics, renewable energy benefits, best practices, publications library.

#### **International Renewable Energy Alliance (REN Alliance)**

**URL:** <http://ren-alliance.invotech.se/>

**Description:** *The International Renewable Energy Alliance (REN Alliance) was formed during the Bonn 2004 International Renewable Energy Conference, and has been established to advance policy and information on renewable energy by providing a combined voice for renewable energy technology and practice. The REN Alliance bridges the gap between policy and practice by building on the synergy of its partner organizations to achieve progress through their collective experience and knowledge. The partners comprise international organizations representing bioenergy, geothermal, solar, water and wind technologies.*

**Resources:** news, links to partners; *Renewable Energy Capacity Statistics 2016*

#### **International Research Institute for Climate and Society (IRI) – Columbia University**

**URL:** <http://iri.columbia.edu>

**Description:** *The mission of the IRI is to enhance society's capability to understand, anticipate and manage the impacts of climate in order to improve human welfare and the environment, especially in developing countries. The IRI conducts this mission through strategic and applied research, education, capacity building, and by providing forecasts and information products with an emphasis on practice and verifiable utility and partnership.*

**Resources:** News media, training, data library, ENSO resources, conditions and forecasts topics: financial, public health, water, disasters, agriculture; *ENACTS: Enhancing National Climate Service Initiative (climate data).*

#### **International Research Network for Low Carbon Societies (LCS-RNet)**

**URL:** <http://lcs-rnet.org/>

**Description:** *LCS-RNet is a practical platform of researchers/research organizations that are making close contributions to individual countries' low-carbon policy-making processes. The basic nature of LCS-RNet is*

*a platform to support and encourage information sharing and voluntary cooperation among research institutions, specifically in the field of LCS research. LCS-RNet also facilitates interactions between researchers and various stakeholders and delivers its findings to policy-makers to assist in science-based policy making during transitions to low-carbon societies.*

**Resources:** meetings, workshops, publications, *Primer on Low Carbon Societies*.

#### **International Risk Governance Council (IRGC)**

**URL:** [www.irgc.org](http://www.irgc.org)

**Description:** *The International Risk Governance Council (IRGC) is an independent non-profit organization which aims to help improve the understanding and management of risks and opportunities by providing insight into systemic risks that have impacts on human health and safety, on the environment, on the economy and on society at large. As a science-based think tank and neutral collaborative platform with multidisciplinary expertise, IRGC's mission includes developing concepts of risk governance, anticipating major risk issues, and providing risk governance policy advice for key decision-makers. Drawing upon international scientific knowledge from both the public and private sector, IRGC champions ignored, neglected and emerging issues and can help building bridges between science and policy in today's challenging governance environment.*

**Resources:** events, publications, "snapshot" and policy reports on issues of Carbon Capture, Nanotechnology, Synthetic Biology, Bioenergy, Energy Transitions, *Stakeholder Engagement Resource Guide (SEG)*; *IRGC Resource Guide* (collection of authored pieces focused on measuring resilience, key word searchable)

#### **International Sea Level Institute**

**URL:** [www.sealevelinstitute.info](http://www.sealevelinstitute.info)

**Description:** *The sooner that planners, engineers, architects, lawyers, financiers, legislators, investors, business leaders, and the public become informed, the quicker we can begin to take the necessary actions. With vision, creativity and planning, we can protect the future livability and sustainability of coastal cities as well as many impacted inland communities*

**Resources:** [fund-raising phase in process]

#### **International Union of Forest Research Organizations (IUFRO) – FLARE Conference**

**URL:** <http://www.iufro.org>

**Description:** *Reducing poverty and increasing adaptive capacity relying on forests is difficult to implement and monitor, but it can be done – successful examples around the world exist at both community and household levels, and both the social and natural science methods behind these challenges are at a watershed. The first annual FLARE conference will advance cutting edge knowledge on forest-based livelihoods, laying the groundwork to further develop tools, methods, and indicators to assess how, where, and why interventions function best to protect forests, reduce terrestrial GHG emissions, and improve the lives of forest-dependent peoples within the larger landscape context. Through a series of oral presentations, speed talks, posters, and workshops, we will create a strategy to catalyze analyses of existing large-scale forest, census, and household datasets; generate functional analytic frameworks, indicators, and methodological products to assess outcomes of forest sector interventions; identify areas of needed research; and promote the broader adoption of these products by researchers, practitioners, and policy makers alike. Date: 27-30 November 2015, Paris, France*

*Organizers: International Forestry Resources and Institutions (IFRI), Program on Forests of the World Bank (PROFOR) and the Musée de l'Homme Research Group on Social and Natural Evolution*

**Resources:** publications, events, position announcements, jobs, notice board, research funding, fellowships, scholarships, webinars, summer programs, honors and awards.

#### **International Union for Conservation of Nature (IUCN)**

**URL:** <http://www.iucn.org>

**Description:** *Created in 1948, IUCN is now the world's largest and most diverse environmental network,*

*harnessing the knowledge, resources and reach of more than 1,300 Member organizations and some 16,000 experts. It is a leading provider of conservation data, assessments and analysis. Its broad membership enables IUCN to fill the role of incubator and trusted repository of best practices, tools and international standards. IUCN provides a neutral space in which diverse stakeholders including governments, NGOs, scientists, businesses, local communities, indigenous peoples organizations and others can work together to forge and implement solutions to environmental challenges and achieve sustainable development.*

**Resources:** regional reports, publication libraries (extensive), conservation tools, monitoring and evaluation, case studies, job list, career and consultancy opportunities.

#### **International WELL Building Institute (IBWI)**

**URL:** <http://www.wellcertified.com/>

**Description:** *The WELL Building Standard® is an evidence-based system for measuring, certifying and monitoring the performance of building features that impact health and well-being. WELL is administered by the International WELL Building Institute™ (IWBI), a public benefit corporation whose mission is to improve human health and well-being through the built environment. WELL is third-party certified by Green Business Certification Inc. (GBCI), which administers LEED certification and LEED professional credentialing.*

**Resources:** Building standard protocol and certification.

### **J**

#### **Journal of Homeland Security and Emergency Management (JHSEM)**

**URL:** <http://www.degruyter.com/view/j/jhsem>

**Description:** *The Worlds' Network of Forest Science. Created in 2004, the Journal of Homeland Security and Emergency Management (JHSEM) is an online journal that publishes original, innovative, and timely articles describing and assessing research and practice in the fields of homeland security and emergency management. JHSEM publishes not only peer-reviewed articles but also opinion, news/communiqués, and book/media reviews. Its electronic format allows us to leverage communication technologies in order to accumulate and disseminate the latest knowledge on a broad range of related topics in a timely and inexpensive manner. JHSEM is also offered in print format. rigorous and ambitious performance standard.*

**Resources:** Access by subscription

#### **Journalists' Resource**

**URL:** <http://journalistsresource.org/>

**Description:** *Based at Harvard's Shorenstein Center on Media, Politics and Public Policy, Journalist's Resource examines news topics through a research lens. We surface scholarship relevant to media practitioners, bloggers, educators, students and general readers. Our philosophy is that peer-reviewed research studies can, at the very least, help anchor journalists as they navigate difficult terrain and competing claims.*

**Resources:** weekly e-mail feed, studies, curricula syllabi, journalism tip sheets reports, data keyword searchable (extensive): environment, climate, sustainability, cities, ecology, food, energy, law, journalism standards.

### **K**

#### **Kresge Foundation – Environmental Program**

**URL:** <http://kresge.org/>

**Description:** *Creating opportunity for low-income people is a hallmark of our work at The Kresge Foundation," says President Rip Rapson. "Our programs reflect the inflection points where we think we can actually make a difference in the life trajectories of people who are poor, disadvantaged or underserved in fundamental ways." The Kresge Foundation is a \$3 billion private, national foundation headquartered in*

*Metropolitan Detroit, that works to expand opportunities in America's cities through grantmaking and investing in arts and culture, education, environment, health, human services, community development and our place-based efforts in Detroit.*

**Resources:** Grant opportunities and guidelines; *Climate Resilience and Urban Opportunity* initiative fact sheet; topic search of resources.

## L

### Lancet Countdown

**URL:** <http://www.thelancet.com/journals/lancet>

**Description:** *The Lancet Countdown: tracking progress on health and climate change is an international, multidisciplinary research collaboration between academic institutions and practitioners across the world. It follows on from the work of the 2015 Lancet Commission, which concluded that the response to climate change could be “the greatest global health opportunity of the 21st century”. The Lancet Countdown aims to track the health impacts of climate hazards; health resilience and adaptation; health co-benefits of climate change mitigation; economics and finance; and political and broader engagement.*

**Resources:** Subscription *The Lancet* (no charge), articles, news updates.

### Land Art Generator Initiative (LAGI)

**URL:**

**Description:** *The Land Art Generator Initiative (LAGI), provides a platform for artists, architects, landscape architects, and others working with engineers and scientists to bring forward human-centered solutions for sustainable energy infrastructures that enhance the city as works of public art while cleanly powering thousands of homes. The goal of LAGI is to accelerate the transition to post-carbon economies by providing models of renewable energy infrastructure that add value to public space, inspire, and educate—while providing equitable power to thousands of homes around the world.*

**Resources:** e-Newsletter (bimonthly), publications, portfolio of Biennial competitions (site-specific environmental projects), archive of press reports

### Landscapes for People, Food, and Nature

**URL:** <http://peoplefoodandnature.org>

**Description:** *To achieve the goals by 2030 will require a radically different paradigm of development than was applied to the Millennium Development Goals. A new approach that breaks down sectoral barriers, capitalizes on synergies in land uses and human development, and strengthens coordination and participation of a wide range of stakeholders is needed. Integrated landscape management (ILM) is that approach.*

**Resources:** Interactive website visuals, white paper: *Landscape Partnerships for Sustainable Development*

### Lawrence Berkeley National Laboratory (LBNL)

**URL:** [www.lbl.gov](http://www.lbl.gov)

**Description:** *Berkeley Lab is a member of the national laboratory system supported by the U.S. Department of Energy through its Office of Science. It is managed by the University of California (UC) and is charged with conducting unclassified research across a wide range of scientific disciplines.*

**Resources:** e-Newsletter, reports, articles, careers, photo archive (topic searchable): climate + environment, energy, history of science, other science/technology research.

### Lincoln Institute of Land Policy

**URL:** [www.lincolnst.edu/](http://www.lincolnst.edu/)

**Description:** *The Lincoln Institute of Land Policy is a leading resource for key issues concerning the use, regulation, and taxation of land. Providing high-quality education and research, the Institute strives to improve public dialogue and decisions about land policy. As a private operating foundation whose origins date to 1946, the Institute seeks to inform decision making through education, research, policy evaluation,*

*demonstration projects, and the dissemination of information, policy analysis, and data through our publications, Web site, and other media. By bringing together scholars, practitioners, public officials, policy makers, journalists, and involved citizens, the Lincoln Institute integrates theory and practice and provides a nonpartisan forum for multidisciplinary perspectives on public policy concerning land, both in the U.S. and internationally.*

**Resources:** Publications (extensive); Atlas of Urban Expansion (two centuries of data on world cities).

#### **Living Building Challenge Collaboratives – Ambassador Network**

**URL:** [living-future.org/collaboratives](http://living-future.org/collaboratives)

**Description:** *Living Building Challenge Collaboratives are community-based, in-person groups of Ambassadors that come together for informal learning experiences and to advance community transformation. Collaborative members create the local conditions that support development of Living Buildings, Landscapes and Neighborhoods. Collaboratives in towns and cities around the world are pursuing a variety of initiatives, including advocacy, community engagement, educational events design competitions, regulator reform, project incubation, outreach to community stakeholders.*

**Resources:** “Living Building” certification of buildings, case studies, training.

#### **Living Cities**

**URL:** [www.livingcities.org](http://www.livingcities.org)

**Description:** *Living Cities harnesses the collective power of philanthropy and financial institutions to improve the lives of low-income people and the cities where they live. Living Cities’ core values – those we believe are fundamental to the organization’s success in achieving its mission – are collaboration, innovation, leadership, and impact. These organizational values guide our everyday decisions about how, why and what we do.*

**Resources:** e-Newsletter, City Accelerator Guide Report innovation program reports.

#### **Living Shorelines Forum**

**URL:** <http://livingshorelinesforum.org/>

**Description:** *The purpose of this online forum is to provide a place for members of the living shorelines community to share ideas, post pictures, compile research and work collaboratively.*

**Resources:** e-Newsletter, news-clipped articles, photos of installations, reports related to USACE permitting of living shoreline, bank stabilization.

#### **Local Futures / International Society for Ecology and Culture**

**URL:** <http://www.localfutures.org/>

**Description:** *The mission of Local Futures (formerly International Society for Ecology and Culture) is to protect and renew ecological and social well being by promoting a systemic shift away from economic globalization towards localization. Through its “education for action” programs, Local Futures develops innovative models and tools to catalyze collaboration for strategic change at the community and international level.*

**Resources:** Local Futures e-Newsletter, films, reports, blog, “Economics of Happiness” film by Helena Norberg-Hodge (Right Livelihood Award).

#### **Local Governments for Sustainability (ICLEI USA)**

**URL:** [www.icleiusa.org](http://www.icleiusa.org)

**Description:** *ICLEI USA is the leading membership association of cities & counties committed to climate action, clean energy, and sustainability. ICLEI USA is the recognized leader in local sustainability. We are the only organization that offers a comprehensive approach to help your local government achieve its sustainability, climate protection, and clean energy goals. We set national standards and drive innovation. Our local government members -- 1,000 worldwide -- are sharing solutions and helping one another stay connected to the explosion of local sustainability innovation.*

**Resources:** “Green Building Challenge,” briefing sheets (climate and sustainability), topic search of resources and updates available.

**Local Government Commission (LGV)****URL:** [www.lgc.org](http://www.lgc.org)**Description:** *The Local Government Commission is a nonprofit, nonpartisan, membership organization that aims to assist local elected officials and other dedicated community leaders who are working to create healthy, walkable, and resource-efficient communities. The LGC's membership is composed of local elected officials, city and county staff, planners, architects, and community leaders who are committed to making their communities more livable, prosperous, and resource-efficient. Topics include climate change, community design, energy, healthy communities, water.***Resources:** Various levels of membership for municipal leaders, agencies.**Low Emissions Development Strategies (LEDS) Global Partnership****URL:** <http://ledsgp.org>**Description:** *The Low Emission Development Strategies (LEDS) Global Partnership was founded to advance climate resilient low emission development through coordination, information exchange, and cooperation among programs and countries working to advance low emissions growth. Launched in early 2011, the partnership currently brings together more than 140 governmental and international institutions. The partnership is open to all interested parties that perform relevant work. We operate via a new and innovative distributed leadership model***Resources:** working groups, PPT presentations, training, toolkits, publications, webinars, remote expert technical assistance, fellowships.**M****MacArthur Foundation****URL:** <http://www.macfound.org/>**Description:** *The John D. and Catherine T. MacArthur Foundation supports creative people and effective institutions committed to building a more just, verdant, and peaceful world. In addition to selecting the MacArthur Fellows, the Foundation works to defend human rights, advance global conservation and security, make cities better places, and understand how technology is affecting children and society. One of the nation's largest independent foundations, the Foundation fosters the development of knowledge, nurtures individual creativity, strengthens institutions, helps improve public policy, and provides information to the public, primarily through support for public interest media.***Resources:** Case studies, Internship, job postings, grant opportunities.**MCEER: Earthquake Engineering to Extreme Events University at Buffalo SUNY****URL:** [www.buffalo.edu/mceer/about.html](http://www.buffalo.edu/mceer/about.html)**Description:** *MCEER is a national center of excellence dedicated to the discovery and development of new knowledge, tools and technologies that equip communities to become more disaster resilient in the face of earthquakes and other extreme events. MCEER accomplishes this through a system of multidisciplinary, multi-hazard research.***Resources:** Publications; civil engineering degree programs (M.S., PhD.).**MIT Climate CoLab – Massachusetts Institute of Technology****URL:** [climatecolab.org](http://climatecolab.org)**Description:** *The goal of the Climate CoLab is to harness the collective intelligence of thousands of people from all around the world to address global climate change. Inspired by systems like Wikipedia and Linux, the MIT Center for Collective Intelligence has developed this crowd-sourcing platform where citizens work with experts and each other to create, analyze, and select detailed proposals for what to do about climate change. Anyone can join the Climate CoLab community and participate. Community members are invited to submit and comment on proposals outlining what they think should be done about climate change. In some contests, computerized simulation models project the environmental and economic outcomes of the*



actions proposed. Experts evaluate the entries and pick finalists, and then both experts and community members select the most promising proposals

**Resources:** Membership registration, annual conference, contests and prize awards.

#### **MitigationMovement**

**URL:** [www.MitigationMovement.org](http://www.MitigationMovement.org)

**Description:** *MitigationMovement.org is a community created by and for members of the disaster mitigation movement to facilitate collaboration and cooperation. To encourage participation, increase membership, exchange information and ensure coordination among the disaster mitigation community by empowering stakeholders with mitigation resources to advocate, educate, build, outreach and partner, made freely available to others to use. Sponsored by Federal Alliance for Safe Homes (FLASH).*

**Resources:** Topic search of resources, events (national and regional) calendar.

#### **Model Forestry Policy Program - Sustainable Forests for Water and Climate Protection**

**URL:** [www.mfpp.org](http://www.mfpp.org)

**Description:** *Model Forest Policy Program is a national nonprofit organization that helps communities create climate adaptation plans ready for implementation. In our planning process, urban and rural communities with a shared dependence on ecosystem services partner with one another. They work to protect vulnerable citizens and natural resources while increasing resilience to climate change! This is done through our program: Climate Solutions University (CSU), a two-step program in which over 30 communities have worked through the program to conserve water resources, protect vulnerable citizens from floods and drought, preserve watershed health, stabilize micro climates, maintain species habitat, preserve the economy, and ensure community climate resilience.*

**Resources:** *Climate Planner e-Newsletter; community projects in CSU adaptation planning (archived); webinar series, consultation related Natural Hazard Mitigation Planning and climate assessment.*

#### **Mongabay.org**

**URL:** <http://mongabay.org/>

**Description:** *Mongabay.org – a non-profit organization – was formed in 2012 to facilitate the development of new education and journalism initiatives and leverage Mongabay's existing network, traffic, and reputation. We aim to raise awareness about social and environmental issues relating to forests and other ecosystems.*

**Resources:** *e-Newsletter (daily) environmental news (international); internships.*

#### **Multihazard Mitigation Council of the National Institute of Building Sciences (MMC NIBS)**

**URL:** [www.nibs.org/mmc](http://www.nibs.org/mmc)

**Description:** *The Multihazard Mitigation Council (MMC) serves a vital need by establishing a body of experts in a multitude of related fields that can address the challenges associated with the identification and implementation of effective mitigation practices. The Council is an independent entity that should ultimately inform decision making in ways that lead to effective public policy. The Council provides a forum for disaster professionals to exchange valuable information on emerging trends in building technology and federal policy, and to address building systems and software applications that play a critical role in disaster resilience and sustainability. Membership is voluntary and includes public and private sector architects, engineers, contractors and risk assessment practitioners, as well as trade and professional associations, materials interests and others.*

**Resources:** *Extensive topic search of resources. Annual meeting part of NIBS Building Innovation Conference each January.*

## **N**

#### **NASA Earth Observatory**

**URL:** [www.earthobservatory.nasa.gov](http://www.earthobservatory.nasa.gov); also <http://eonet.sci.gsfc.nasa.gov/>

**Description:** *The Earth Observatory's mission—"where every day is Earthday"—is to share with the public the images, stories, and discoveries about the environment, Earth systems, and climate that emerge from NASA research, including its satellite missions, in-the-field research, and models.*

**Resources:** Weekly reports by free subscription, extensive archive of remote sensing, images, global maps. EONET is a repository of metadata about natural events, accessible via web services.

#### **National Academies Resilient America Roundtable**

**URL:** <http://sites.nationalacademies.org/PGA/resilientamerica/>

**Description:** *The National Academy of Sciences is a non-governmental, non-profit chartered by the US Congress in 1863 at the request of President Lincoln. The Resilient America Roundtable of the National Academy of Sciences is collaborating with communities across the country to build cultures of resilience. We see resilience as the ability to prepare and plan for, absorb, recover from, or more successfully adapt to actual or potential adverse events. Join us on this journey as we team up with citizens – through meetings, workshops, webcasts, real-time community based projects, and educational & outreach programs – to reduce risks and support resilience.*

**Resources:** e-Newsletter, Workshops held three times a year in Washington, D.C. focus on specific issues. Experts in the hazard and disaster field offer insights through presentations, documented in a written summary. <http://dels-old.nas.edu/dr/workshops.shtml>

#### **National Adaptation Forum**

**URL:** [www.nationaladaptationforum.org](http://www.nationaladaptationforum.org)

**Description:** *National Adaptation Forum was created by professionals from the private and public sectors concerned about the need to anticipate and prepare for the potential impacts of climate change on the United States. It represents a collective effort to enhance the resilience of the Nation's communities and economy in the face of a changing climate, through open participation from actors across the country. Annual forums bring together individuals from the wide spectrum of sectors and regions across the country integrating climate adaptation planning into day-to-day activities.*

**Resources:** Webinars, annual forum.

#### **National Advisory Council**

**URL:** <http://www.fema.gov/national-advisory-council>

**Description:** *The National Advisory Council (NAC) was established by the enactment of the Post-Katrina Emergency Management Reform Act of 2006 to ensure effective and ongoing coordination of Federal preparedness, protection, response, recovery, and mitigation for natural disasters, acts of terrorism, and other manmade disasters. The NAC advises the FEMA Administrator on all aspects of emergency management. The NAC incorporates state, local, and tribal governments; nonprofit, and private sector input in the development and revision of the National Preparedness Goal, the National Preparedness System, the National Incident Management System, and other related plans and strategies.*

**Resources:** Website is portal to extensive resources (searchable database): registry/application for disaster assistance.

#### **National Association of County and City Health Officers (NACCHO)**

**URL:** [www.naccho.org](http://www.naccho.org)

**Description:** *Provides extensive peer and professional resources for public health professionals, including community health, environmental health, public health infrastructure and systems, health reform, model practices, public health preparedness.*

**Resources:** Searchable database by topic, publications, podcasts, funding opportunities, annual conference.

#### **National Association of Counties (NACo)**

**URL:** <http://www.naco.org>

**Description:** *The National Association of Counties (NACo) is the only national organization that represents county governments in the United States. Founded in 1935, NACo assists America's 3,069 counties in*

*pursuing excellence in public service to produce healthy, vibrant, safe and resilient counties. NACo promotes sound public policies, fosters county solutions and innovation, promotes intergovernmental and public-private collaboration and provides value-added services to save counties and taxpayers money.*

#### **National Association of Development Associations (NADO)**

**URL:** <http://www.nado.org/>

**Description:** *The National Association of Development Organizations (NADO) provides advocacy, education, research, and training for the nation's regional development organizations. The association and its members promote regional strategies, partnerships, and solutions to strengthen the economic competitiveness and quality of life across America's local communities.*

**Resources:** Job bank and RFPs.

#### **National Association of State Energy Officials (NASEO)**

**URL:** [www.naseo.org](http://www.naseo.org)

**Description:** *NASEO is the only national non-profit association for the governor-designated energy officials from each of the 56 states and territories. Formed by the states in 1986, NASEO facilitates peer learning among state energy officials, serves as a resource for and about state energy offices, and advocates the interests of the state energy offices to Congress and federal agencies.*

**Resources:** e-Newsletter(s), publications, events, RFP announcements (for members).

#### **National Center for Appropriate Technology**

**URL:** [www.ncat.org](http://www.ncat.org)

**Description:** *Since 1976 the National Center for Appropriate Technology has been serving economically disadvantaged people by providing information and access to appropriate technologies that can help improve their lives. NCAT projects have ranged from low-tech to high-tech, addressing housing, economics, and environmental quality. Weatherizing houses, training farmers, monitoring energy use, demonstrating renewable energy technology, testing new products and providing information on building construction are among NCAT contributions to fostering healthy quality of life for everyone.*

**Resources:** e-Newsletters (various topics); publications, job postings.

#### **National Center for Atmospheric Research (NCAR) - National Science Foundation**

**URL:** [ncar.ucar.edu/](http://ncar.ucar.edu/)

**Description:** *The National Center for Atmospheric Research (NCAR) is a federally funded research and development center devoted to service, research and education in the atmospheric and related sciences. NCAR's mission is to understand the behavior of the atmosphere and related physical, biological and social systems; to support, enhance and extend the capabilities of the university community and the broader scientific community – nationally and internationally; and to foster transfer of knowledge and technology for the betterment of life on Earth.*

**Resources:** Related events educational, informational on topics of agriculture, energy.

#### **National Centers for Environmental Information (NOAA) – Climate at a Glance**

**URL:** <http://www.ncdc.noaa.gov>

**Description:** *The demand for high-value environmental data and information has dramatically increased in recent years. To meet that demand, NOAA's former centers have merged into the National Centers for Environmental Information (NCEI). NCEI is responsible for hosting and providing access to one of the most significant archives on Earth, with comprehensive oceanic, atmospheric, and geophysical data. From the depths of the ocean to the surface of the sun and from million-year-old sediment records to near real-time satellite images, NCEI is the Nation's leading authority for environmental information.*

**Resources:** NCEI is the world's largest provider of weather and climate data. Land-based, marine, model, radar, weather balloon, satellite, and paleoclimatic are just a few of the types of datasets available. Detailed descriptions of available products and platforms are listed on the website. NCEI provides customers with production climate information and raw data from the NCEI archive. To order

NCEI products and services visit the Online Store or call the customer support team at 828-271-4800. The NCEI website provides detailed contact information for specific climate areas.

#### **National Climate Assessment – U.S. Global Change Research Program**

**URL:** [www.globalchange.gov](http://www.globalchange.gov)

**Description:** *'Global change' refers to changes in the global environment that may alter the capacity of the Earth to sustain life. The U.S. Global Change Research Program (USGCRP) is a Federal program that coordinates and integrates global change research across 13 U.S. federal agencies to ensure that it most effectively and efficiently serves the Nation and the world. USGCRP was mandated by Congress in the Global Change Research Act of 1990, and has since made the world's largest scientific investment in the areas of climate science and global change research.*

**Resources:** publications, extensive citations.

#### **National Coalition for Dialogue and Deliberation (NCDD)**

**URL:** [ncdd.org](http://ncdd.org)

**Description:** *NCDD is a network of thousands of innovators who bring people together across divides to tackle today's toughest challenges. NCDD serves as a gathering place, a resource clearinghouse, a news source, and a facilitative leader for this extraordinary community.*

**Resources:** e-Newsletter, resources, member network, annual conference.

#### **National Center for Disaster Medicine & Public Health (NCDMPH)**

**URL:** <https://ncdmph.usuhs.edu>

**Description:** The National Center for Disaster Medicine and Public Health (NCDMPH) leads federal and coordinates national efforts to develop and propagate core curricula, education, training and research in all-hazards disaster health. By establishing standardizations of core curricula and competencies in disaster medicine and public health education, NCDMPH will better prepare the nation to respond to natural and man-made disasters or other catastrophic public health events. NCDMPH is uniquely authorized to communicate and coordinate this learning strategy to state, local and tribal entities, academia and the private sector.

**Resources:** e-Newsletter (archived), events, webinars, filed research, resources and reports, posters, Public Health System Training in Disaster Recovery (PH STRiDR),

#### **National Council for Science and Environment (NCSE)**

**URL:** [www.ncseonline.org](http://www.ncseonline.org)

**Description:** *The National Council for Science and the Environment (NCSE) is a not-for-profit organization dedicated to improving the scientific basis of environmental decision-making. It seeks to be a bridge that spans the divide between science, its applications, and policy.*

**Resources:** Conferences, *Encyclopedia of Earth* (open-source expert-reviewed archive, environmental topics).

#### **National Disaster Interfaiths Network (NDID)**

**URL:** [www.n-din.org/](http://www.n-din.org/)

**Description:** *Since the 1990s, with support of National VOAD (Voluntary Agencies Active in Disaster) agencies, disaster interfaiths have brought together community groups and faith communities to coordinate local relief volunteers and long-term recovery leadership, in the aftermath of disaster. Disaster interfaiths achieve much despite limitations in disaster human services expertise, funding, and experience...to sustain essential funding and leadership beyond the early stages of recovery.*

**Resources:** Disaster Tip Sheets for U.S. Religious Leaders, "Be A Ready Campaign"; directory of members.

#### **National Disaster Preparedness Training Center University of Hawaii (NDPTC)**

**URL:** <http://ndptc.hawaii.edu/>

**Description:** *NDPTC is a member of the National Domestic Preparedness Consortium (NDPC), expanded in 2007 to address all-hazards capabilities by the addition of the University of Hawai'i. The NDPTC is*

*authorized to develop and deliver training and educational programs related to homeland security and disaster management, with a specific focus on natural hazards, coastal communities, and the special needs and opportunities of islands and territories. The NDPTC actively engages internally with FEMA and the University of Hawai'i, as well as with partners across the region to integrate the delivery of its trainings, products, and services.*

**Resources:** FEMA Certified Training course offerings (1/2 day ,2 day workshops), student paper competition.

#### **National Domestic Preparedness Consortium (NDPC)**

**URL:** [www.ndpc.us](http://www.ndpc.us)

**Description:** *NDPC is a partnership of several nationally recognized organizations whose membership is based on the urgent need to address the counter-terrorism preparedness needs of the nation's emergency first responders within the context of all hazards including chemical, biological, radiological, and explosive Weapons of Mass Destruction (WMD) hazards.*

**Resources:** e-Newsletter, events, training and tools for first responders.

#### **National Drought Mitigation Center**

**URL:** <http://drought.unl.edu/>

**Description:** *The National Drought Mitigation Center (NDMC) helps people and institutions develop and implement measures to reduce societal vulnerability to drought, stressing preparedness and risk management rather than crisis management. The NDMC, established in 1995, is based in the School of Natural Resources at the University of Nebraska-Lincoln. The NDMC's activities include our constantly growing web site; drought monitoring, including participation in the preparation of the U.S. Drought Monitor and maintenance of the web site; developing the U.S. Drought Impact Reporter; a suite of web-based drought management decision-making tools.*

**Resources:** photo gallery, reports.

#### **National Ecosystem Services Partnership - Federal Resource Management /Ecosystem Services**

**URL:** <https://nespguidebook.com/>

**Description:** *The Federal Resource Management and Ecosystem Services Guidebook serves as a training manual that helps to streamline the management of ecosystem services. With the guidebook, resource managers can create clear, workable plans that prioritize the work needed to establish and maintain resilient communities throughout the country.*

**Resources:** Videos, assessment framework, meetings, extensive resources, EnviroAtlas interactive tools,

#### **National Emergency Management Association (NEMA)**

**URL:** [www.nemaweb.org](http://www.nemaweb.org)

**Description:** *NEMA is a nonpartisan, nonprofit 501(c)(3) dedicated to enhancing public safety by improving the nation's ability to prepare for, respond to, and recover from all emergencies, disasters, and threats to our nation's security. NEMA is the professional association of and for emergency management directors. NEMA provides national leadership and expertise in comprehensive emergency management; serves as a vital emergency management information and assistance resource; and advances continuous improvement in emergency management through strategic partnerships, innovative programs, and collaborative policy positions.*

**Resources:** Membership (various categories from \$200/yearly); meetings, conferences, educational, EMAC eLearning for emergency management personnel and mutual aid stakeholders, training, other. (searchable database).

#### **National Emergency Training Center Library (U.S. Fire Administration)**

**URL:** <https://www.usfa.fema.gov/data/library/>

**Description:** *The U.S. Fire Administration's library provides information and resources on fire, emergency management and other all-hazards subjects. With our collection of more than 208,000 books, reports,*

audiovisual materials and indexed articles, the library supports National Emergency Training Center (NETC) student and faculty research, classroom lectures, and development of course materials.

**Resources:** on-line searchable catalog, publications (extensive), statistics

#### **National Fire Protection Association (NFPA)**

**URL:** <http://www.nfpa.org/>

**Description:** *Founded in 1896, NFPA is a global, nonprofit organization devoted to eliminating death, injury, property and economic loss due to fire, electrical and related hazards. The association delivers information and knowledge through more than 300 consensus codes and standards, research, training, education, outreach and advocacy; and by partnering with others who share an interest in furthering the NFPA mission.*

**Resources:** Membership \$175/year, On-line learning, publications, safety information, training, career opportunities, codes and standards, *NFPA 1600: Standard on Disaster/Emergency Management and Business Continuity/Continuity of Operations Programs* (voluntary standard for emergency preparedness)

#### **National Flood Determination Association (NFDA)**

**URL:** <http://www.nfdaflood.com/>

**Description:** *The National Flood Determination Association (NFDA) is a national non-profit organization comprised of companies that make, distribute or have a vested interest in flood zone determinations NFDA promotes the common interests of stakeholders involved with flood risk information through education, industry standards and a collaborative approach to legislative issues. Promotes industry standards for flood zone determination.*

**Resources:** Membership levels: association / organizational-level. Conferences events, prior conference archive posted on website.

#### **National Hydrological Warning Council (NHWC)**

**URL:** <http://www.hydrologicwarning.org/>

**Description:** *The National Hydrologic Warning Council (NHWC), with membership across the United States and around the world, is a non-profit organization dedicated to assisting emergency and environmental management officials by providing expert advice on the use of real-time, high quality hydrologic information from automated remote data systems, with the goals of protecting lives, property, and the environment.*

**Resources:** e-Newsletter *The NHWC Transmission* (monthly), conferences, events, training, ALERT 2 standards technical working group, public document archive: Streamgaging, River and Flood Forecasts.

#### **National Hurricane Center (NOAA)**

**URL:** <http://www.nhc.noaa.gov/>

**Description:** *The National Hurricane Center (NHC) is a component of the National Centers for Environmental Prediction (NCEP) located at Florida International University in Miami, Florida. The NHC mission is to save lives, mitigate property loss, and improve economic efficiency by issuing the best watches, warnings, forecasts, and analyses of hazardous tropical weather and by increasing understanding of these hazards.*

**Resources:** Extensive publications, fact sheets, webinars, training courses, cyclone tracking charts, conferences,

#### **National Institute of Building Sciences (NIBS)**

**URL:** [www.nibs.org](http://www.nibs.org)

**Description:** *The National Institute of Building Sciences is a non-profit, non-governmental organization that brings together representatives of government, the professions, industry, labor and consumer interests, and regulatory agencies to focus on the identification and resolution of problems and potential problems that hamper the construction of safe, affordable structures for housing, commerce and industry throughout the United States. Authorized by the U.S. Congress, the Institute provides an authoritative source and a unique opportunity for free and candid discussion between private and public sectors within*



*the built environment. The Institute's mission to serve the public interest is accomplished by supporting advances in building sciences and technologies for the purpose of improving the performance of our nation's buildings while reducing waste and conserving energy and resources.*

**Resources:** e-Reports *NIBS Journal*; annual meeting, Multihazard Mitigation Council (MMC) and Multihazard Risk Assessment. Annual conference.

#### **National Institute of Standards and Technology (NIST)**

**URL:** [www.nist.gov](http://www.nist.gov)

**Description:** *NIST is a non-regulatory federal agency within the U.S. Department of Commerce. NIST's mission is to promote U.S. innovation and industrial competitiveness by advancing measurement science, standards, and technology that enhance economic security and improve our quality of life.*

**Resources:** events, meetings posted on website; National Resilience Framework (in process).

#### **National Integrated Heat Health Information System (NIHHIS)**

**URL:** <http://toolkit.climate.gov/nihhis/>

**Description:** *The NIHHIS is an integrated system that builds understanding of the problem of extreme heat, defines demand for climate services that enhance societal resilience, develops science-based products and services from a sustained climate science research program, and improves capacity, communication, and societal understanding of the problem in order to reduce morbidity and mortality due to extreme heat. The NIHHIS is a jointly developed system by the Centers for Disease Control and Prevention (CDC) and the National Oceanic and Atmospheric Administration.*

**Resources:** sign up for mailing list; briefing sheets, data and toolkits, publications, CDC Extreme Heat media tips.

#### **National League of Cities (NLC)**

**URL:** <http://www.nlc.org>

**Description:** *The National League of Cities (NLC) is dedicated to helping city leaders build better communities. Working in partnership with the 49 state municipal leagues, NLC serves as a resource to and an advocate for the more than 19,000 cities, villages and towns it represents.*

**Resources:** Annual conference, leadership training, awards program, events, scholarships.

#### **National Main Street Center (NMSC) • National Trust for Historic Preservation**

**URL:** [www.mainstreet.org](http://www.mainstreet.org)

**Description:** *July 1, 2013, marked the official launch of the National Main Street Center, Inc., (NMSC), a newly formed, nonprofit subsidiary of the National Trust for Historic Preservation. National Main Street Center will build on its long-standing commitment to advancing the preservation-based revitalization of commercial districts throughout the country. For the past 33 years, the Main Street Four Point Approach® has been used approximately 2,000 communities, producing \$54 billion in investment, creating 450,000 jobs and resulting in the rehabilitation of more than 229,000 buildings. National Main Street Center is committed to expanding the impact of Main Street by providing a new generation of research and resources to existing Main Street programs and extending our reach to older commercial districts that are not yet part of the Main Street Network.*

#### **National Mitigation Alliance (NEMA NMA)**

**URL:** [www.nemaweb.org](http://www.nemaweb.org)

**Description:** *Building stronger partnerships, increased resilience, and disaster resistance for a stronger nation. Vision: A collaborative effort of organizations dedicated to the advancement of hazard mitigation through shared knowledge, education, strategic partnerships, and policy in order to achieve increased resilience and disaster resistance. The National Mitigation Alliance is a collaborative initiative providing a forum for public and private sector groups, non-profit organizations, and academia to address importance of mitigating loss of life and property during disaster. The Alliance consists of over 20 organizations representing local, state, federal, private, and academic professionals all dedicated to the advancement of mitigation principles across the full spectrum of emergency management. Protecting critical investments is*

*more than mitigating damage to life and property. It includes understanding the critical role mitigation plays in the economy and overall resiliency of the nation.*

**Resources:** Membership open to all organizations that support the principles contained in the Mitigation White Paper published in 2009. NMA is administered by the National Emergency Management Association Washington DC (organizational listing above).

#### **National Network for Ocean and Climate Change Interpretation (NNOCCI)**

**URL:** <http://www.nnocci.org/>

**Description:** NNOCCI is a collaborative effort led by the New England Aquarium with the Association for Zoos and Aquariums, FrameWorks Institute, Woods Hole Oceanographic Institution, National Aquarium, Monterey Bay Aquarium, New Knowledge Organization in partnership with Pennsylvania State University and Ohio's Center for Science and Industry. With support from the National Science Foundation's Climate Change Education Partnership program, NNOCCI's goal is to establish a national network of professionals who are skilled in communicating climate science to the American public in ways that are engaging and stimulate dialog that is interesting, welcoming and solutions-oriented.

**Resources:** Study Circle program, videos, on-line courses (free), professional development opportunities.

#### **National Oceanic and Atmospheric Administration (NOAA)**

**URL:** <http://www.noaa.gov/> • also [www.Climate.gov](http://www.Climate.gov)

**Description:** NOAA is an agency that enriches life through science. Our reach goes from the surface of the sun to the depths of the ocean floor as we work to keep citizens informed of the changing environment around them. From daily weather forecasts, severe storm warnings and climate monitoring to fisheries management, coastal restoration and supporting marine commerce, NOAA's products and services support economic vitality and affect more than one-third of America's gross domestic product. NOAA's dedicated scientists use cutting-edge research and high-tech instrumentation to provide citizens, planners, emergency managers and other decision makers with reliable information they need when they need it. NOAA's roots date back to 1807, when the Nation's first scientific agency, the Survey of the Coast, was established. Since then, NOAA has evolved to meet the needs of a changing country. NOAA maintains a presence in every state and has emerged as an international leader on scientific and environmental matters.

**Resources:** Topic search for extensive resources; careers, opportunities, grants and contracts.

#### **National Operations Center of Excellence (NOCoe)**

**URL:** <http://transportationops.org/overview-nocoe-and-its-programs>

**Description:** The National Operations Center of Excellence (NOCoe) is designed to offer a suite of resources to serve the Transportation Systems Management and Operations (TSM&O) community. The new Center will offer an array of technical services such as peer exchange workshops and webinars, ongoing assessments of best practices in the field, and on-call assistance.

The Center is a partnership of the American Association of State Highway and Transportation Officials (AASHTO), the Institute of Transportation Engineers (ITE), and the Intelligent Transportation Society of America (ITSA) with support from the Federal Highway Administration (FHWA).

**Resources:** Bi-weekly e-Newsletter, publications, case studies, listing of industry links to experts in business and technical processes, institutional issues, strategies and treatments, data and analytics, outreach and marketing, education and training, *Climate Change Adaptation for Transportation Systems Management*. (2016)

#### **National Park Service Climate Change Response Program (CCRP) U.S. Dept. of the Interior**

**URL:** [www.nps.gov/subjects/climatechange](http://www.nps.gov/subjects/climatechange)

**Description:** The NPS is working with scientists and other partners to develop local, landscape, and ecosystem-scale adaptation strategies that protect coastal resources and promote their long-term resilience and sustainability. The science-based and collaborative approach draws on the goals and objectives outlined in the service wide Climate Change Action Plan. To support scientific research,

*inventory, and monitoring activities to gather data and improve understanding of climate and weather phenomena affecting coastal parks.*

**Resources:** Reports: *Coastal Adaptation Strategies: Case Studies; Climate Change Issue Profiles;*

#### **National Preparedness Community**

**URL:** <http://www.fema.gov/national-preparedness> also

<http://community.fema.gov/connect.ti/readynpm/grouphome>

**Description:** FEMA sponsored website portal to join networking groups (no charge)

#### **National Safety Information Exchange (NSIE)**

**URL:** [www.nsie.org/](http://www.nsie.org/)

**Description:** *A professional subscription service for safety professionals and first responders. The directory provides users with timely information to help them make informed decisions. The National Safety Information Exchange (The NSIE) is a professional safety organization dedicated to the collection and management of safety reference and resource information. For more than a decade our directory has served safety professionals, first responders and disaster workers.*

**Resources:** *Annual subscription for the Safety Reference and Resource Directory is \$179.00. Discount rates for non-profit and certain volunteer organizations.*

#### **National Severe Storms Laboratory (NSSL) - NOAA**

**URL:** [www.nssl.noaa.gov](http://www.nssl.noaa.gov)

**Description:** *The National Severe Storms Laboratory serves to enhance NOAA's capabilities to provide accurate and timely forecasts and warnings of hazardous weather events. NSSL accomplishes this mission through research to advance the understanding of weather processes, research to improve forecasting and warning techniques, and development of operational applications. NSSL transfers new scientific understanding, techniques, and applications to the National Weather Service (NWS).*

**Resources:** *Research to Operations (R2O)) news updates, weather sciences and technologies, significant papers (reports), photo contest, "Bite-sized Science" Hazardous Weather Testbed videos*

#### **National Storm Smart Coasts Network**

**URL:** [stormsmartcoasts.org/](http://stormsmartcoasts.org/)

**Description:** *"Helping coastal decision makers connect and collaborate." StormSmart Coasts is a resource for coastal decision makers looking for the latest and best information on how to protect their communities from weather and climate hazards.*

**Resources:** *e-newsletter (monthly)*

#### **National Trust for Historic Preservation – Preservation Leadership Forum**

**URL:** <http://forum.savingplaces.org/home>

**Description:** *The field of historic preservation rests on a broad foundation of knowledge, so effective leadership requires a thorough background on the laws, policies, and programs that inform our discipline. This reference area provides a wide range of timely, integral knowledge for all preservation professionals.*

**Resources:** *Journal, On-line forum, library, blog, training, conferences, funding sources, Job board, Advocacy Resource Center; Reference Desk; Preservation Green Lab; Diversity Scholarship Program, Climate Heritage Coalition*

#### **National VOAD (Voluntary Organizations Active in Disaster)**

**URL:** <http://www.nvoad.org/>

**Description:** *National Voluntary Organizations Active in Disaster is a nonprofit, nonpartisan, membership-based organization that builds resiliency in communities nationwide. Since 1970, National VOAD Member organizations have assisted communities affected by disasters. VOAD serves as the forum where organizations share knowledge and resources throughout the disaster cycle — preparation, response, recovery and mitigation — to help disaster survivors and their communities. National VOAD fosters more*

*effective service to people affected by disaster through conferences, outreach, advocacy, and champion/facilitator for application of our values and core principles.*

**Resources:** Mass Care, Disaster Emotional Care, Spiritual Care Guidelines.

#### **National Working Waterfront Network (NWWN)**

**URL:** <http://www.wateraccessus.com/>

**Description:** *The National Working Waterfront Network increases the capacity of coastal communities and stakeholders to make informed decisions, balance diverse uses, ensure access, and plan for the future of working waterfronts and waterways.*

**Resources:** e-Newsletter, video tours, case studies, Working Waterfront Community Center (list serve blog), Sustainable Working Waterfronts Toolkit

#### **Natural Capitalism Solutions**

**URL:** <http://natcapsolutions.org/>

**Description:** *Natural Capitalism Solutions' (501(c)(3) non-profit) mission is to educate senior decision-makers in business, government and civil society about the principles of sustainability. Natural Capitalism is regenerative of human and natural capital while increasing prosperity and quality of life. In partnership with leading thinkers and groups, Natural Capitalism Solutions creates innovative, practical tools and implementation strategies for companies, communities and countries.*

**Resources:** Consulting services, training, projects (current): pet industry, clean coalition, grasslands, Alliance for Sustainability and Prosperity (ASAP); U.S. Presidential Climate Action Project (PCAP); energy; resources & publications, slide sets; *Climate Protection Manual for Cities; Local Action for Sustainable Economic Renewal*; business case studies.

#### **Natural Floodplain Functions Alliance (NFFA)**

**URL:** [www.aswm.org/watersheds/natural-floodplain-function-alliance](http://www.aswm.org/watersheds/natural-floodplain-function-alliance)

**Description:** *The Natural Floodplain Function Alliance (NFFA) is an affiliation of federal agencies, professional organizations, non-profit groups, and individuals who are dedicated to the protection and preservation of the natural functions of floodplains. Members share information and may elect to coordinate actions on issues of interest, but the Natural Floodplain Function Alliance does not take formal positions on matters of national policy, guidance or legislation.*

**Resources:** Conference calls, webinars (archived), reports/publications.

#### **Natural Hazards and Earth System Sciences Journal (NHESS)**

**URL:** <http://www.natural-hazards-and-earth-system-sciences.net/>

**Description:** *NHESS is an interdisciplinary and international journal dedicated to public discussion and open-access publication of high-quality studies and original research on natural hazards and their consequences. Embracing a holistic Earth system science approach, NHESS serves a wide and diverse community of research scientists, practitioners, and decision makers concerned with detection of natural hazards, monitoring and modeling, vulnerability and risk assessment, and design and implementation of mitigation and adaptation strategies, including economical, societal, and educational aspects.*

**Resources:** extensive archive peer-reviewed articles, topic and author searchable. Discussion and reviews of published articles, book reviews,

#### **Natural Hazards Center Univ. Colorado at Boulder**

**URL:** <http://www.colorado.edu/hazards/>

**Description:** *The mission of the Natural Hazards Center at the University of Colorado at Boulder is to advance and communicate knowledge on hazards mitigation and disaster preparedness, response, and recovery. Using an all-hazards and interdisciplinary framework, the Center fosters information sharing and integration of activities among researchers, practitioners, and policy makers from around the world; supports and conducts research; and provides educational opportunities for the next generation of hazards scholars and professionals.*

**Resources:** e-Newsletter “Disaster Research News,” Annual Workshop Broomfield CO; jobs posting, prior conference proceedings; organization name and address list of related U.S. Domestic Hazard Centers & Organizations (under “Resources”) Membership levels from \$25.

#### **Natural Hazards Journal**

**URL:** <http://www.springer.com/earth+sciences+and+geography/natural+hazards/journal/11069>

**Description:** *Natural Hazards is devoted to original research work on all aspects of natural hazards, including the forecasting of catastrophic events, risk management, and the nature of precursors of natural and technological hazards. Also see Springer International Journal of Disaster Risk Science.*

**Resources:** Access by subscription.

#### **Natural Hazard Mitigation Association (NHMA)**

**URL:** [nhma.info](http://nhma.info)

**Description:** *The Natural Hazard Mitigation Association (NHMA) was founded in 2008 to bring together individuals and organizations working in the field of hazard mitigation. The Natural Hazards Mitigation Association (NHMA) is an organization of professionals involved in natural hazard mitigation. NHMA serves as a respected voice in hazard mitigation policy both in the United States and throughout the world. We represent the interests of communities, governments, the research community, the insurance industry, and the fields of engineering, emergency response, water resources, planning and many other mitigation related fields.*

**Resources:** Membership \$50/year; e-Newsletter, webinars, annual Practitioners Symposium.

#### **Natural Resources Conservation Service (NRCS) - USDA**

**URL:** <http://www.nrcs.usda.gov>

**Description:** *Formerly the U.S. Soil Conservation Service, NRCS program areas include soil survey, conservation assistance, farmland protection and conservation. NRCS' conservation programs help people reduce soil erosion, enhance water supplies, improve water quality, increase wildlife habitat, and reduce damages caused by floods and other natural disasters. NRCS provides funding opportunities for agricultural producers and other landowners through these programs. Public benefits include enhanced natural resources that help sustain agricultural productivity and environmental quality while supporting continued economic development, recreation, and scenic beauty.*

**Resources:** Farm Bill announcements, landscape initiatives, technical assistance, financial assistance, funding opportunities, National Conservation Practice Standards, information sheets, NRCS photo gallery (extensive), multimedia, plant and soils directories, job postings.

#### **Natural Resources Defense Council (NRDC) – Urban Solutions**

**URL:** <http://www.nrdc.org/urban-solutions/>

**Description:** *Climate change and economic inequality are the two most urgent challenges of our time. Urban Solutions is designed to address both challenges simultaneously by piloting new strategies for the ways we build our cities and by scaling up best practices to dramatically accelerate the pace of change. Urban Solutions strategies and tools help cities answer 21st century challenges, lowering energy bills, reducing flooding, improving access to healthier food, and making it cheaper for everyone to get around. By providing 25 percent of our project budgets to local partners, we provide a bridge between community-level solutions and full-scale implementation to create strong, just and resilient communities.*

**Resources:** e-Newsletters (*Switchboard, On Earth*), extensive topic reports: global warming, energy, air, water, oceans, food and agriculture, wildlands, health, environmental justice, U.S. law and policy, nuclear energy, recycling, international, transportation; Center for Market Innovation, *Urban Solutions Strategic Plan to create strong, just and resilient communities. (24 p.)*

#### **Nature Climate Change Journal**

**URL:** <http://www.nature.com/nclimate/>



**Description:** *Nature Climate Change*, a monthly journal of the Nature Publishing Group, publishes original research across the physical and social sciences and strives to synthesize interdisciplinary research. The journal follows the standards for high-quality science set by all Nature-branded journals and is committed to publishing top-tier original research in all areas relating to climate change through a fair and rigorous review process, access to a broad readership, high standards of copy editing and production, rapid publication and independence from academic societies and others with vested interests.

**Resources:** By subscription (\$199/year), job postings (science), reprints, news and comment postings, archive of articles by topic,

#### **Nature Communications**

**URL:** [www.nature.com/](http://www.nature.com/)

**Description:** *Nature Communications* is a multidisciplinary journal that publishes high-quality research from all areas of the natural sciences. Papers published by the journal represent important advances of significance to specialists within each field. After 20 October 2014, all papers submitted to *Nature Communications* will be published open access, through payment of an article processing charge (APC). For further details please see the journal's open access information.

#### **NatureServe**

**URL:** <http://www.natureserve.org/about-us>

**Description:** NatureServe is a non-profit conservation organization whose mission is to provide the scientific basis for effective conservation action. NatureServe and its network of natural heritage programs and conservation data centers are the leading source for information about rare and endangered species and threatened ecosystems.

**Resources:** Publications, training & expert services include data, tools, expertise; career opportunities.

#### **ND Collaboratory for Adaptation to Climate Change**

**URL:** <https://adapt.nd.edu/>

**Description:** The website is a resource for research, education, and collaboration in the area of adaptation and climate change. It incorporates a multitude of tools, which take several forms including biological simulation, searchable clearinghouses of legal information, and dissemination of emerging opinion from experts on the benefits and risks of adaptation. These tools can be used individually and in an integrative way to inform decision-making, research, and awareness.

**Resources:** Adaptation News, publications, case studies, tools & models, community forum, Adaptation Workflows,

#### **ND-GAIN Notre Dame Global Adaptation Index**

**URL:** <http://www.gain.org/>

**Description:** The ND-GAIN Index is a navigation tool that helps corporate and development leaders manage risks exacerbated by climate change such as over-crowding, food insecurity, inadequate infrastructure and civil conflicts. The Index shows a country's level of vulnerability, and the readiness of a country to successfully implement adaptation solutions. The tool is free and open-source. The Urban Adaptation Assessment project is working to provide an adaptation measurement solution by building an urban-scale assessment and put it into practice in five areas. These local-scale assessments will be used by government, non-profit and business leaders, to inform market and policy positions that improve livelihoods and save lives.

**Resources:** events, webinars, ND Gain Prize, Business Plan Competition awards, job postings, Urban Adaptation Assessment, Country Adaptation Index. (Also see: ND Collaboratory for Adaptation to Climate Change)

#### **Neighborhood Empowerment Network (NEN)**

**URL:** [empowersf.org](http://empowersf.org/); also <http://empowersf.org/ecp/>

**Description:** Neighborhood Empowerment Network (NEN) has leveraged resources and expertise [San Francisco communities] to create a suite of tools resources and methodologies to advance resilience at the



community level with a bottom up grassroots approach. The Neighborhood Empowerment Network (NEN) uses its capacity-building initiative, Empowered Communities Program (ECP), to bring together government, nonprofit, academic and private sector agencies to work side by side with neighborhood stakeholders to strengthen their community's ability to successfully negotiate and recover from disasters. San Francisco's Neighborhood Empowerment Network has been piloting a program that supports communities as they work to achieve a pre-event condition that will allow them to perform at the highest level in times of stress. Entitled the Empowered Communities Program (ECP), the initiative is modeled after the core tenets of FEMA's Whole Community Approach.

**Resources:** case studies, "Voices of Resilience,"

#### **New Buildings Institute (NBI)**

**URL:** <http://www.advancedbuildings.net>

**Description:** NBI is a nonprofit organization working to improve energy performance of commercial buildings. We work collaboratively with commercial building markets—governments, utilities, energy efficiency advocates and building professionals—to remove barriers to energy efficiency, including advocating for advanced design practices, improved technologies, public policies and programs that improve energy efficiency. We also develop guidance to individuals and organizations on designing and constructing energy-efficient buildings.

#### **New Climate Institute**

**URL:** <http://newclimate.org/>

**Description:** New Climate Institute for Climate Policy and Global Sustainability generates ideas on climate change and drives their implementation. We raise ambition for action against climate change and support sustainable development through research, policy design and knowledge sharing

**Resources:** Climate Action Tracker, and ACT2015, GHG targets, publications, career opportunities,

#### **New Economy Coalition**

**URL:** [neweconomy.net](http://neweconomy.net)

**Description:** The New Economy Coalition (NEC) is a network of organizations imagining and building a future where people, communities, and ecosystems thrive. Together, we are creating deep change in our economy and politics—placing power in the hands of people and uprooting legacies of harm—so that a fundamentally new system can take root. Our network advances change in three main ways: (1) convene and connect leaders to tackle common challenges in their work to build a new economy. (2) amplify stories, tools, and analysis, weaving a collective new economy narrative that can build shared identity, shift culture and policy, and promote a clear vision of the next system. (3) lift up the work of communities on the frontlines of interrelated economic and ecological crises who are organizing for transformative change, through right relationships and direct support.

**Resources:** Funding and grants, blog, network, Common Bound Annual Conference, New Economy week.

#### **New England Environmental Alliance (NEEEA)**

**URL:** [www.neeea.org](http://www.neeea.org)

**Description:** The New England Environmental Education Alliance, formed in 1980, hosts Conferences hosted within the New England states on a rotating basis. The Alliance is interested in environmental education on a regional level and does not duplicate the contributions of the state organizations. The conferences continue to emphasize collegial interaction and collaborative learning.

**Resources:** NE Journal of Environmental Education (by subscription), Environmental Literacy Plans (ELPs), Annual conference

#### **New England Grassroots Environment Fund (NEGEF) – Community Resilient Organizations (CROs)**

**URL:** <http://grassrootsfund.org>

**Description:** Inspiring, Connecting & Supporting: Stories, Tools & Dollars: Focused on all things local, the Grassroots Fund is the only organization of its kind dedicated to inspire, connect, and support community-

*based environmental projects throughout New England. NEGEF's niche is to help those on-the-ground, everyday people for whom grassroots work is a passion and whose volunteer time is a priceless contribution to the common good. The New England Grassroots Environment Fund (NEGEF) seeks to energize and nurture long term civic engagement in local initiatives that create and maintain healthy, just, safe and environmentally sustainable communities. The Fund uses stories, tools and dollars to fuel local activism and social change. Community Resilience Organizations (CROs) are local teams, appointed by the town legislative body, that engage residents and town leaders in tasks aimed to lessen losses via climate adaptation, disaster preparedness and hazard mitigation, while strengthening local collaboration and social cohesion.*

**Resources:** Rootshare e-Newsletter, Rootskills networking training workshops, PEP talks (searchable by issue), seed grants (\$1,000-\$3,500) and project portfolios: climate & energy, food, environmental health, land & water, living economies.

### **Next City**

**URL:** [nextcity.org](http://nextcity.org)

**Description:** *Inspiring Better Cities*

*Next City is a nonprofit organization with a mission to inspire social, economic and environmental change in cities by creating media and events around the world. Our vision is for a world in which cities are not in crisis and are leading the way towards a more sustainable, equitable future. Next City provides daily online coverage of the leaders, policies and innovations driving progress in metropolitan regions across the world. In an age when original, on-the-ground reporting is increasingly rare, we send our writers into urban communities around the world to produce our award-winning long form content. In addition, we produce events including an annual urban leadership conference, Vanguard. Originally named The Next American City, the organization began publishing a quarterly magazine in 2003. What started as a black-and-white printed publication staffed by volunteers ultimately grew into a popular and influential magazine that reached 1 million people over the course of its 31 issues.*

**Resources:** e-Newsletter (daily, weekly postings); articles (archived). Topics include: technology, infrastructure innovations, economics, politics; jobs

### **NextGen Climate**

**URL:** <https://nextgenamerica.org/>

**Description:** *NextGen Climate America is a non-partisan, non-profit organization dedicated to creating a level playing field so that low-carbon advanced energy solutions can fairly compete with entrenched fossil fuel interests. Launched in 2014, we develop and advance policies to prevent climate disaster and promote prosperity for all Americans. To end the free ride that fossil fuel companies enjoy at our expense, we are committed to establishing national safeguards to end the unlimited dumping of carbon pollution into our atmosphere and supporting innovative leadership at the state level.*

**Resources:** e-mail updates, news reports and summaries, clean energy, clean transport, climate impacts and solutions.

### **Nexus Dialogue on Water Infrastructure Solutions**

**URL:** [www.waternexusolutions.org/](http://www.waternexusolutions.org/)

**Description:** *The Nexus Dialogue, sponsored by the International Union for Conservation of Nature (IUCN) and International Water Association, is a call to action to those leading transformations in water infrastructure planning, financing and operation. The Dialogue provides a forum for sharing experiences, lessons, tools and guidelines on how water infrastructure and technologies can address nexus challenges. It is designed to build a common understanding of innovative planning, management and operational approaches that provide shared benefits across sectors. Innovative professionals in farming, energy-production, natural resource management, and engineering have the experience and hold practical knowledge to address the nexus challenge. Working across sectors, the Nexus Dialogue provides a unique opportunity to share these experiences and the solutions emerging around the world.*

**Resources:** Case studies, workshops, International conferences/ symposia on Water, Food and Energy.

**NGO Sustainability, Inc.****URL:** <http://unngosustainability.org>**Description:** *NGO Sustainability, Inc seeks to further the integration of the dimensions of sustainable development. NGO Sustainability is a registered participant of the UN Global Compact. NGO Sustainability helps create an understanding of how the different parts of the United Nations promote sustainable development. To accomplish our goals, we regularly host meetings with guest speakers at the United Nations Headquarters, NY on issues relating to sustainable development.***Resources:** e-Newsletter reports and news articles.**NOAA National Centers for Environmental Information (NCEI)****URL:** [www.ncei.noaa.gov](http://www.ncei.noaa.gov)**Description:** *NOAA's National Centers for Environmental Information (NCEI) are responsible for hosting and providing access to one of the most significant archives on earth, with comprehensive oceanic, atmospheric, and geophysical data. From the depths of the ocean to the surface of the sun and from million-year-old tree rings to near real-time satellite images, NCEI is the Nation's leading authority for environmental information.***Resources:** News highlights, climate information, data sets (extensive); also see - NOAA Storm Data**NOAA National Sea Grant Resilience Toolkits****Description:** *Sea Grant's mission is to provide integrated research, communication, education, extension and legal programs to coastal communities that lead to the responsible use of the nation's ocean, coastal and Great Lakes resources through informed personal, policy and management decisions.***Resources:** Publications and tools (topic searchable): *Coastal Community Resilience Index*, Planning scenarios, Homeowners Handbooks (regional), public participation.**URL:** <http://seagrant.noaa.gov/WhatWeDo/ResilienceToolkit.aspx>**NOAA Storm Data****URL:** <https://www.ncdc.noaa.gov/stormevents/>**Description:** *The Storm Events Database contains the records used to create the official NOAA Storm Data publication, documenting: (1) The occurrence of storms and other significant weather phenomena having sufficient intensity to cause loss of life, injuries, significant property damage, and/or disruption to commerce; (2) Rare, unusual, weather phenomena that generate media attention, such as snow flurries in South Florida or the San Diego coastal area; and (3) Other significant meteorological events, such as record maximum or minimum temperatures or precipitation that occur in connection with another event.***Resources:** e-mail updates; data, damage reports, assessment toolkit, links to external resources**Northeast Regional Ocean Council (NROC)****URL:** [northeastoceancouncil.org/](http://northeastoceancouncil.org/)**Description:** *The Northeast Regional Ocean Council (NROC) is a state and federal partnership that facilitates the New England states, federal agencies, regional organizations, and other interested regional groups in addressing ocean and coastal issues that benefit from a regional response. It is NROC's mission to provide a voluntary forum for New England states and federal partners to coordinate and collaborate on regional approaches to support balanced uses and conservation of the Northeast region's ocean and coastal resources.***Resources:** News postings, ocean planning library of reports, *Data Portal* Northeast ocean data**Notre Dame Environmental Change Initiative (ND-ECI)****URL:** <http://environmentalchange.nd.edu>**Description:** *The Notre Dame Environmental Change Initiative (ND-ECI) is tackling the interrelated problems of invasive species, land use, and climate change, focusing on synergistic impacts on water resources. The goal of ND-ECI is to provide solutions that minimize the trade-offs between human welfare*

and environmental health where trade-offs are unavoidable, and to discover win-win solutions where possible. The ND-GAIN Country Index follows a data-driven approach to show which countries are best prepared to deal with global changes brought about by overcrowding, resource-constraints and climate disruption. The Index aims to unlock global adaptation solutions in the corporate and development communities to save lives and improve livelihoods while strengthening market positions. It informs strategic and operational decisions using data since 1995, to create a rank of 177 countries.

**Resources:** e-Newsletter (monthly); Range of research programs; research postings; employment opportunities; *Beer and Big Ideas* events.

#### **Nurture Nature Foundation**

**URL:** <http://www.nurturenature.org/>

**Description:** *Resolving a Worldwide Conflict. The mission of Nurture Nature Foundation (NNF) is to help in resolving what is possibly the most serious challenge the world faces today: the intensifying conflict between the indispensable goals of environmental protection and economic development. We see development that is sustainable as the most workable solution to the conflict between environment and development. It promotes protection of the environment, while simultaneously encouraging economic development. Ted Kheel (1914-2010), who devoted most of his life to resolving conflicts, founded NNF and worked for more than a decade and a half to further its mission, to seek ways to address the conflict between environmental protection and economic development*

**Resources:** Support of sustainable transit (Nurture New York's Nature (NNYN), water-related issues (Nurture Nature Center, Inc. Easton PA. (NNC).

## **O**

#### **Oberlin Project**

**URL:** <http://www.oberlinproject.org/>

**Description:** *The Oberlin Project is a joint effort of the City of Oberlin, Oberlin College, and private and institutional partners to improve the resilience, prosperity, and sustainability of our community. The aim is to revitalize the local economy, eliminate carbon emissions, restore local agriculture, food supply and forestry, and create a new, sustainable base for economic and community development.*

#### **Oceana**

**URL:** <http://oceana.org/en/eu/home>

**Description:** *Oceana, founded in 2001, is the largest international organization focused solely on ocean conservation, protecting marine ecosystems and endangered species. Our offices in Europe, North America, Central America and South America work together on a limited number of strategic campaigns to achieve measurable outcomes that will help return our oceans to former levels of abundance. We believe in the importance of science in identifying problems and solutions. Our scientists work closely with our teams of economists, lawyers and advocates to achieve tangible results for the oceans.*

**Resources:** Scientific papers, fact sheets, reports.

#### **Oceanspaces (California)**

**URL:** <http://oceanspaces.org>

**Description:** *OceanSpaces is dedicated to a vision of healthy and productive California oceans through science-informed ocean resource management and stewardship. The platform brings everyone together with a stake in the health of California's oceans offering new opportunities for you to communicate, create and share information. A shared body of scientific knowledge enables us to make informed decisions as the basis for participation in the decisions that will shape the future of our oceans. Audience: fisherman, diver, environmentalist, resource manager, scientist, or neighbor to California's ocean.*

**Resources:** Blog, scientific papers, reports.

#### **Office of the Federal Coordinator for Meteorology (OFCM) – U.S. Dept. Commerce**

**URL:** <http://www.ofcm.gov>

**Description:** *The Department of Commerce formed the OFCM in 1964 in response to Public Law 87-843. The Office of the Federal Coordinator for Meteorological Services and Supporting Research (OFCM) is an interdepartmental office established because Congress and the Executive Office of the President recognized the importance of full coordination of federal meteorological activities. Mission: Ensure effective use of federal meteorological resources by leading the systematic coordination of operational weather requirements and services, and supporting research, among the federal agencies.*

**Resources:** This infrastructure supports all of the federal agencies that are engaged in meteorological activities or have a need for meteorological services. In addition to providing this coordinating infrastructure, the OFCM prepares operations plans, conducts studies, and responds to special inquiries and investigations.

#### **OpenChannels Forum for Ocean Planning and Management**

**URL:** [www.openchannels.org](http://www.openchannels.org)

**Description:** *OpenChannels is the knowledge hub for the global community of practice on ocean planning, ecosystem-based management, and marine protected areas. With the latest news, literature, online events, grant opportunities, jobs, and more, OpenChannels makes it easy for you to stay informed. We've served over 50,000 professionals in the past two years.*

**Resources:** Resource Center (extensive listings), literature library, events, videos, job listings, grants and RFP opportunities.

#### **OpenIDEO**

**URL:** <http://openideo.com/>

**Description:** *At OpenIDEO, people from all corners of the world collaboratively tackle some of the toughest global issues. No matter who you are, your experiences will bring a unique perspective to our conversation and idea development. Sign up to start collaborating and read on to learn more about how to participate. We tackle each social issue via a challenge, a three to five month collaborative process that focuses our attention on the topic and creates a space for community members to contribute and build off each other.*

**Resources:** worksheets and toolkits for developing ideas, interviewing, brainstorming, user experience mapping, prototyping, story boarding, design thinking, developing leadership skills; results of prior challenges, including "Urban Resilience Challenge."

#### **Organization for Economic Cooperation and Development (OECD)**

**URL:** [www.oecd.org](http://www.oecd.org)

**Description:** *Founded after WWI II, the mission of the OECD is to promote policies that will improve the economic and social well-being of people around the world. The OECD provides a forum in which governments can work together to share experiences and seek solutions to common problems. We work with governments to understand what drives economic, social and environmental change. We measure productivity and global flows of trade and investment. We analyze and compare data to predict future trends. We set international standards on a wide range of things, from agriculture and tax to the safety of chemicals.*

**Resources:** Library on international economics, public affairs, disaster preparedness; career job and internship postings.

#### **Orton Family Foundation – Heart and Soul**

**URL:** [www.orton.org](http://www.orton.org)

**Description:** *We believe that empowering people to shape the future of their communities will improve local decision-making, create a shared sense of belonging, and ultimately strengthen the social, cultural and economic vibrancy of each place.*

**Resources:** Community Heart & Soul Field Guide; Bi-monthly conference calls, training webinars (free); community engagement process; Community Matters.

#### **Oxfam International Vulnerability and Risk Assessment (VRA)**



**URL:** <http://policy-practice.oxfam.org.uk>

**Description:** *Oxfam's Vulnerability and Risk Assessment (VRA) tool develops a holistic, landscape-wide understanding of vulnerability and links up actors across various levels of governance to jointly identify and analyze root causes of vulnerabilities for distinct social groups and later design programs and risk reduction initiatives accordingly, ensuring that they are equitable, gender-sensitive and effective. Attention to historical and evolving power dynamics is fully embedded into the design of the VRA, primarily through the convening of a Knowledge Group to inspire and drive the analysis.*

**Resources:** e-newsletter, publications (keyword searchable)

#### **OzonAction**

**URL:** <http://www.unep.org/ozonaction>

**Description:** *The UNEP DTIE OzonAction Branch assists developing countries and countries with economies in transition (CEITs) to enable them to achieve and sustain compliance with the Montreal Protocol. With our programme's assistance, countries are able to make informed decisions about alternative technologies and ozone-friendly policies. OzoNews provides links to current online news stories relating to ozone depletion and the implementation of the Montreal Protocol, to stimulate discussion and promote cooperation in support of compliance with the Montreal Protocol*

**Resources:** e-newsletter OzonNews (archived), videos, events, partnerships; reports ozone layer, climate protection, implementation of the Montreal Protocol.

## **P**

#### **Pacific Islands Climate Change Cooperative (PICCC)**

**URL:** [www.picccc.net](http://www.picccc.net)

**Description:** *The Pacific Islands Climate Change Cooperative (PICCC) is a self-directed conservation alliance made up of local, state, federal, indigenous, and NGO member organizations from the US-Affiliated Pacific Islands. These members actively work together through the PICCC to prepare for the impacts of climate change on the region's natural and cultural resources. The PICCC helps members share resources, conduct joint research projects, and coordinate large-scale efforts to adapt their management practices to climate change. The Strategic Plan focuses on the implementation of Adaptation Initiatives (AIs). By implementing the AIs, the PICCC coordinates and plans activities within discrete focal groupings that include management-driven research and science products needed for management plans and actions. The AIs also support all related communication, consultation, evaluation, and coordination efforts.*

**Resources:** research funding, publications, symposia, Pacific Islands Climate Change Cooperative Conservation Planning Atlas (CPA)

#### **Partnership for Action on Green Economy (PAGE) – UNEP**

**URL:** <http://www.unep.org/greenconomy/PAGE>

**Description:** *The Partnership for Action on Green Economy (PAGE) is a joint initiative by UNEP, ILO, UNDP, UNIDO and UNITAR to provide comprehensive assistance to countries seeking to develop and implement inclusive green economy strategies. For the purposes of the Green Economy Initiative, UNEP has developed a working definition of a green economy as one that results in improved human well-being and social equity, while significantly reducing environmental risks and ecological scarcities. A green economy can be thought of as one that is low carbon, resource efficient and socially inclusive.*

**Resources:** UNEP News, publications, job opportunities, research and advisory services, topics covered: climate change, disaster & conflicts, ecosystem management, environmental governance, chemicals and waste, resource efficiency, environment under review.

#### **Partnership for Environment and Disaster Risk Reduction (PEDRR)**

**URL:** [pedrr.org](http://pedrr.org)

**Description:** *"Ecosystems for Adaptation and Disaster Risk Recover" established in 2008, PEDRR is a global alliance of UN agencies, NGOs and specialist institutes. A global platform of the International Strategy for Disaster Reduction (ISDR), PEDRR seeks to promote implementation of ecosystem-based disaster risk*



reduction in development planning at global, national and local levels, in line with the Hyogo Framework for Action.

**Resources:** e-Newsletter *Weekly News Alert*, extensive MOOCs and Graduate-level EcoDRR Courses (webinars and course modules) linking environmental and disaster management, publications (extensive archives), training; job postings (international), virtual library of references on Eco-DRR.

#### **Partnership for Resilience and Preparedness (PREP)**

**URL:** <http://www.prepdata.org/>

**Description:** *The Partnership for Resilience and Preparedness (PREP) is a public-private collaboration to empower a data-driven approach to building climate resilience. PREP aims to help planners, investors, and resource managers more easily incorporate climate risks into their decisions by enhancing access to relevant data and facilitating collective learning through insights on climate change.*

**Resources:** publications, toolkits, climate data portals, open data (Beta Platform and data from Climate Data Initiative (CDI) under development)

#### **Passive and Low Energy Architecture (PLEA)**

**URL:** Passive and Low Energy Architecture (PLEA)

**Description:** *PLEA is an organization engaged in a worldwide discourse on sustainable architecture and urban design through annual international conferences, workshops and publications, with a membership of several thousand professionals, academics and students from over 40 countries. PLEA activities are open to all whose work deals with architecture and the built environment, who share our objectives and who attend PLEA events. PLEA stands for “Passive and Low Energy Architecture”, a commitment to the development, documentation and diffusion of the principles of bioclimatic design and the application of natural and innovative techniques for sustainable architecture and urban design.*

**Resources:** International conferences; expert group meetings and consultancies; architectural competitions and exhibitions, scholarships, technical publication series “NOTES” solar geometry, thermal insulation, daylighting, climate.

#### **Pew Charitable Trusts - Environmental Initiatives**

**URL:** [www.pewtrusts.org/en](http://www.pewtrusts.org/en)

**Description:** *The Pew Charitable Trusts is driven by the power of knowledge to solve today's most challenging problems. Pew applies a rigorous, analytical approach to improve public policy, inform the public and stimulate civic life. Pew is a major force in educating the public and policy makers about the causes, consequences and solutions to environmental problems. We actively promote strong conservation policies in the United States and internationally. Pew applies a range of tools in pursuit of practical, meaningful solutions—including applied science, public education, sophisticated media and communications, and policy advocacy.*

**Resources:** Topic search function on website; publications and reports, weekly e-newsletter.

#### **Planetary Boundaries Initiative (PBI)**

**URL:** <http://planetaryboundariesinitiative.org/>

**Description:** *A legal think-tank advocating effective governance of Earth-system processes. The PBI believes that the integrity of the Earth's life support system should be seen as the key goal of international legal governance. We favor the adoption of the term ‘ecological integrity’ to provide the minimum standards necessary for protecting Planetary Boundaries, as a term to be adopted across or within various treaty bodies and which would help guide the development of all human activities.*

**Resources:** Planetary Boundaries and Human Opportunities (EdCast) <https://www.mooc-list.com/tags/planetary-boundaries?static=true> [no ratings as of July 25, 2015]

#### **Planning Information Exchange – American Planning Association**

**URL:** [www.planning.org/nationalcenters/hazards/planninginformationexchange/](http://www.planning.org/nationalcenters/hazards/planninginformationexchange/)

**Description:** *Information exchange forums are an increasingly common and useful way to encourage peer-to-peer learning and exchange of information. With advances in web-based meetings and seminars, an information exchange forum can reach a national and even international audience. Planners in several disciplines participate in information exchanges, and good models exist. The Association of State Floodplain Managers (ASFP) and APA participate in the Natural Floodplain Functions Alliance (NFFA). The central activity has consisted of webinars held every other month on issues of interest to the alliance.*

**Resources:** webinars (archived)

#### **Pocacito in the U.S.**

**URL:** <http://www.pocacito.org/us/>

**Description:** *POCACITO (Post Carbon Cities of Tomorrow) in the US targets specific cities and key challenges which serve as a common thread between EU and US development priorities: energy efficiency in buildings, sustainable urban mobility, and water management. While each city has its own characteristic set of key challenges, all cities require solutions to the energy, mobility, and water nexus. In order to create workable solutions, we will unite a diverse consortium of participants, including city officials, urban planners, researchers, non-governmental organizations, community-based organizations, and citizens, maximizing learning and implementation potential. POCACITO in the US is an initiative of Ecologic Institute in Washington, DC, and is made possible through financial support of the Delegation of the European Union to the United States Getting to Know Europe program.*

**Resources:** Topic searchable portfolio of project (case studies); videos, webinars, blog, meetings

#### **Powerhouse Growers**

**URL:** [www.powerhousegrowers.com](http://www.powerhousegrowers.com)

**Description:** *PowerHouse Growers is a network-based, community driven platform for sustainability education. Through publishing, marketing, and private consulting, PHG stimulates environmental conversations related to business, agriculture, energy, and urban design in order to connect the theories and practices of sustainability and to balance out our pH. We seek collaborative solutions to today's environmental issues through supporting networks of relationships between students and business leaders, while contributing to contemporary conversations about sustainability.*

**Resources:** e-Newsletter *Random Facts*, reports ("action lists"), best practice case studies: urban agriculture, urban design, green real estate.

#### **Prepare My Business**

**URL:** [www.preparemybusiness.org](http://www.preparemybusiness.org)

**Description:** *Major disasters, such as earthquakes and large-scale power outages, are rare. Smaller disasters, such as server failure, burst pipes and fires however happen every day. Companies often prepare for the worst but forget the everyday challenges, which can be just as crippling. When disaster strikes, having a plan and being able to put it into immediate action can mean the difference between staying open to service the needs of your customers and community or shutting down for a few days. Following a disaster, statistics show ninety percent of companies fail within a year unless they can resume operations within five days. Having a plan can ensure that you're back in business quickly and able to provide products and services to your community. Topics include planning, education, testing, disaster assistance.*

**Resources:** Extensive reports, archived webinars.

#### **Prepared: National Health Security Preparedness Index (NHSPI)**

**URL:** <http://nhspi.org/the-index>

**Description:** *The National Health Security Preparedness Index (NHSPI) is an annual measure of health security and preparedness at the national and state levels. The Index is designed to give objective information about how well communities, states and the nation are prepared for public health and other emergency situations. Development of the Index was initially led by the Association of State and Territorial Health Officials (ASTHO) and the Centers for Disease Control and Prevention (CDC). Transitioned to the Robert Wood Johnson (RWJ) Foundation in December 2014.*

**Resources:** Annual reports (archived), news & events, toolkits and guiding principles, *America's Prepareathon*.

#### **PreventionWeb – United Nations (UNISDR)**

**URL:** [www.preventionweb.net/english](http://www.preventionweb.net/english)

**Description:** *Open website for postings, resources and events, for the international disaster risk reduction community (also see: Hygro Framework, UNISDR)*

**Resources:** Extensive, searchable by topic (all natural hazards), maps, publications, jobs (international), training, events, Global Assessment Report.

#### **Project COBRA**

**URL:** <http://projectcobra.org/>

**Description:** *"Future Challenges Local Solutions" Role of community owned solutions in sustainable environmental management and governance. Project COBRA aims to showcase indigenous solutions for the management of natural resources that could in turn inspire development policies and projects. To do this, it works towards increasing confidence across indigenous communities and strengthening their position as stakeholders by: Discussing the challenges facing their community; Identifying their own solutions to these challenges; Recording these solutions using visual technologies; Sharing results with other communities; Implementing best practices from other communities.*

**Resources:** Extensive, videos and photo stories, publications, conferences (presentations available)

#### **Project Drawdown**

**URL:** <http://www.drawdown.org/>

**Description:** *DRAWDOWN n. The point at which greenhouse gases in the atmosphere begin to decline. Project Drawdown is developing a book, open-source database, and digital platform describing how one hundred solutions deployed at scale can alter the composition of our atmosphere and help forge a path toward temperature decline. We are creating a detailed, impeccably researched description of "state-of-the-shelf" solutions that are currently in use and the impact they will have within thirty years. This carefully vetted, comprehensive list include technological solutions such as renewable energy and energy efficiency measures; social solutions that require behavior change like lowering consumption of material goods and limiting population growth; and ecological solutions that restore carbon in soils and plants by bio-sequestering CO<sub>2</sub>.*

**Resources:** events "learning series," employment (internal job postings); fellows program, coalition to engage advisory, volunteer, contributor roles.

#### **Property Casualty360**

**URL:** [www.propertycasualty360.com](http://www.propertycasualty360.com)

**Description:** *A national underwriters website with insurance news, market trends, coverage of the property and casualty insurance industry, [ED: frequent news and reports related to natural disasters and other threats.]*

**Resources:** e-Newsletter (daily).

#### **Public Health Institute (PHI)**

**URL:** <http://www.phi.org/>

**Description:** *PHI generates and promotes research, leadership and partnerships to build capacity for strong public health policy, programs, systems and practices. Since its inception in 1964, PHI has overseen an impressive array of projects ranging from individual grants to large, multi-year, multi-site programs with national and international impact. PHI initiates projects, provides fiscal sponsorship, incubates new directions, partners with foundations and state agencies, and collaborates with others in the field, enabling research and interventions that would otherwise not be possible. Through its diverse programs and projects, PHI addresses emerging public health issues and solutions, and tackles the most significant public health challenges of our time. By partnering with PHI, foundations and agencies have the*

*opportunity to bring this wealth of expertise to their projects. PHI catalyzes advances in public health through high-level partnership and collaboration and through support for innovative projects.*

**Resources:** Keyword search of resources (extensive), publications; job and career opportunities; sponsor: Center for Climate Change and Public Health.

#### **Public Interest Design Institute**

**URL:** <http://www.publicinterestdesign.com/>

**Description:** *The Public Interest Design Institute® provides training to architecture and other design professionals in public interest design with in-depth study over two days on methods of how design can address the critical issues faced by communities. Training in public interest design is a way of enhancing an existing design practice and learning skills to become pro-actively engaged in community-based design through fee-based projects. The Harvard Case Study Method will be used to learn from real examples, presented by leaders in the field. The curriculum will be formed around the Social Economic Environmental Design® (SEED) metric, that includes the social and economic as well as the environmental. The SEED process takes a holistic and creative approach to design driven by community needs. This process provides a step-by-step aid for those who want to undertake public interest design.*

**Resources:** Schedule of Institute events listed on website; speakers bureau.

#### **Public Library of Science PLOS Currents disasters**

**URL:** <http://currents.plos.org/disasters/aims-and-scope/>

**Description:** *LOS Currents (ISSN 2157-3999) is a publication channel that aims to minimize delay between the generation and publication of new research. The content is peer-reviewed, citable, publicly archived, and included in PubMed. The PLOS Currents sections are run on Annotum, an open-source, scholarly authoring and publishing platform. Authors compile their manuscript submission and are in complete control of the appearance of their article. With PLOS Currents, submission to publication can take place in a matter of days without publication fees. PLOS Currents focusing on Influenza was launched in August 2009. In 2012 a section covering Disasters research was launched.*

## **Q**

#### **Quaker Earthcare Witness (QEW)**

**URL:** <http://www.quakerearthcare.org/>

**Description:** *Quaker Earthcare Witness is a network of Friends (Quakers) in North America and other like-minded people who are taking spirit-led action to address the ecological and social crises of the world from a spiritual perspective, emphasizing Quaker process and testimonies. While QEW supports reforms in laws, technology, education, and institutions, its primary calling is to facilitate transformation of humans' attitudes, values, identity, and worldview that underlie much of the environmental destruction going on in the world today.*

**Resources:** e-Newsletter (Bi-monthly) *Befriending Creation*; events, publications, small project mini-grants (\$500)

## **R**

#### **RAND Resilience in Action**

**URL:** <http://www.rand.org/multi/resilience-in-action.html>

**Description:** *This site is for individuals and community organizations to learn more about resilience and to implement strategies to help communities prepare, withstand, and recover from disasters.*

*Community resilience is the ability of communities to withstand and recover from disasters and to learn from past disasters to strengthen future response and recovery efforts. Resilience requires participation from the whole community to improve response and recovery, and helps the community plan for the full length of disaster recovery.*

**Resources:** toolkits, publications, on-line training, audio podcasts, FAQs on community disaster planning.

**Rate It Green**

**URL:** [www.rateitgreen.com/green-building-community/sustainable-building-groups](http://www.rateitgreen.com/green-building-community/sustainable-building-groups)

**Description:** *Rate It Green's Community is a gathering place for connecting and sharing green building information and experiences. Add your thoughts and questions to our discussions, or create or join a group that interests you. With your participation, we can create a powerful resource and connect green builders across the globe.*

**Resources:** e-Newsletter, resources (Industry Resource Guide), other publications, discussion groups, source of job listings, research.

**Ready.gov.v**

**URL:** [www.ready.gov](http://www.ready.gov)

**Description:** *U.S. Department of Homeland Security portal for public information for disaster preparedness, multi-hazards.*

**Resources:** e-Newsletter, topic search of resources (extensive), publications.

**RECOFTC - The Center for People and Forests**

**URL:** <http://www.recoftc.org>

**Description:** *RECOFTC – The Center for People and Forests is an international organization with a vision of local communities actively managing forests in Asia and the Pacific to ensure optimal social, economic, and environmental benefits.*

**Resources:** News and features, training, blog, videos (teak, bamboo harvesting), publications (extensive)

**Recovery Diva**

**URL:** [recoverydiva.com](http://recoverydiva.com)

**Description:** *Email subscription and website of Claire B. Rubin 36 years of experience as a researcher, consultant, and educator in the fields of emergency management and homeland security, dedicated to long-term recovery from disasters*

**Resources:** No cost subscription (donor supported).

**Redevelopment Institute**

**URL:** [www.RedevelopmentInstitute.org](http://www.RedevelopmentInstitute.org)

**Description:** *The Redevelopment Institute is an online education and technical assistance hub focused on providing the highest level of professional education for those engaged in the revitalization of communities. The Redevelopment Institute utilizes the latest in web technology to connect you with world-class experts in redevelopment fields. Our goal is to provide support to those rebuilding communities by creating a platform open to anyone with best practice information to share, to establish a network of shared experiences, successes and lessons learned*

**Resources:** No cost membership, webinars, resource library.

**Regenesis Group**

**URL:** <http://www.regenesisgroup.com/>

**Description:** *Regenesis is a world leader in the field of regenerative development—an approach to land use, community planning, and the built environment that has defined the leading edge of sustainability practice for over two decades. Regenesis was founded in 1995 as a coalition of pioneers, bringing together top educators in the field of permaculture (sustainable land-use planning) with thought leaders in the world of business planning and organizational development. The founders' mission was to transform the development industry into one that contributes to, rather than undermines, the health of the planet.*

**Resources:** mailing list, articles, bibliography, training programs, annual gathering.

**ResEcon: Land and Resource Economics Network**

**URL:** <http://www.resecon.org/pages/1/index.htm>

**Description:** *ResEcon (Land & Resource Economics Network) list server is an electronic means by which environmental and resource economists can post and receive information relevant to their work. Typically members post information or questions, to solicit responses from other members (e.g., references on particular topics, questions about methodology, conferences, jobs and scholarships.*

#### **Resilience Action Fund**

**URL:** <http://www.buildingresilient.com/about-us/>

**Description:** Resilience Action Fund (RAF) and Resilience Action Fund International (RAF-I) are creating an endowment fund and intend to work synergistically on programs along four main axes: publications, education, research and action.

**Resources:** publications, reports.

#### **Resilient Communities for America (RC4A)**

**URL:** [www.resilientamerica.org](http://www.resilientamerica.org)

**Description:** *Resilient Communities for America (RC4A) will champion the leadership of hundreds of local elected officials who commit to creating more prepared Communities that can bounce back from extreme weather, energy, and economic challenges. A strong and prosperous America starts with local leadership. Campaign signatories commit to building more resilient communities, ready to bounce back from extreme weather challenges. Official signatories must be local elected officials, however the campaign recognizes all endorsers.*

**Resources:** No cost subscription (donor supported).

#### **Resilience Hub**

**URL:** <http://resiliencehub.org/>

**Description:** *The Resilience Hub is a collaborative non-profit organization based in Portland Maine. Our mission is to build resilience at the personal, household and community levels while creating thriving examples of abundance based on ecological wisdom. We do this by offering a range of events, education and training as well as resilience-building services and projects. We operate at local, statewide and regional scales. Our work touches on all the realms traditionally encompassed by Permaculture (land use, energy, water, buildings, etc.) but with special focus on food and creating new economic models, on-line store.*

**Resources:** events, consulting services, speakers bureau, Meetup meeting groups

#### **Resilience Dialogues**

**URL:** <http://www.resiliencedialogues.org/>

**Description:** *The Resilience Dialogues is a public-private collaboration that works to build climate-resilient communities through facilitated dialogues among scientists, practitioners, and community leaders. It is coordinated by the U.S. Global Change Research Program (USGCRP) and the American Geophysical Union's Thriving Earth Exchange, and overseen by a leadership team. The online platform is developed by the Massachusetts Institute of Technology (MIT) Center for Collective Intelligence.*

**Resources:** mailing list for updates; Volunteer subject matter expert opportunities and projects (pilots).

#### **Resilience Now**

**URL:** <http://theresilienceinitiative.org/>

**Description:** *Registered in Paris, and operating from Washington DC, London and Nairobi, Resilience Now aims to work globally, in both rural and urban contexts, in both developing and industrialized countries, to support vulnerable communities in building resilience to the most likely social, economic, political and environmental threats. We provide expertise and organizational support to relief and development agencies, to build capacity to design and implement programs for the development of sustainable and resilient communities. We promote innovative solutions, both methodological and technical, from permaculture, sustainable design, energy transition planning, climate change adaptation, urban farming, bioclimatic building, eco-sanitation, renewable energies, sustainable agriculture, and land restoration.*



**Resources:** Publications (French and English), bibliography, workshops, “Solutions Worth Sharing,”

#### **Resilience.org**

**URL:** [www.resilience.org](http://www.resilience.org)

**Description:** *Resilience.org is an information clearinghouse and network of action-oriented groups. Our focus is on building community resilience in a world of multiple emerging challenges: the decline of cheap energy, the depletion of critical resources like water, complex environmental crises like climate change and biodiversity loss, and the social and economic issues which are linked to these. We like to think of the site as a community library with space to read and think, but also as a vibrant café in which to meet people, discuss ideas and projects, and pick up and share tips on how to build the resilience of your community, your household, or yourself.*

**Resources:** e-Newsletter daily, weekly, or monthly, (donor supported).

#### **Resilient Construction Coalition**

**URL:** <http://www.resilientconstruction.org>

**Description:** *Resilient construction builds stronger more durable residential and commercial buildings. Investing in resilient construction during the rebuild will help limit the need for emergency funding in the future. Resilient construction has the potential to substantially reduce property damage and loss of life resulting from all forms of natural disasters.*

**Resources:** FAQ Sheet, legislative briefings re: *Disaster Savings and Resilient Construction Act* (proposed HR 2241).

#### **Resilient Design Institute (RDI)**

**URL:** <http://www.resilientdesign.org/>

**Description:** *RDI is an accessible source of resilient design information. From clear case studies to wide-ranging principles and strategies to a blog that balances technical information with readability, we are committed to bringing awareness to the practice of designing survivability and adaptability into structures and communities.*

**Resources:** News & blog, articles (archived), events, case studies, *Resilient Design Principles*.

#### **Resilient Vermont**

**URL:** [www.resilientvt.org](http://www.resilientvt.org)

**Description:** *The Resilient Vermont Network is a new collaboration of organizations and agencies in Vermont that are working to advance climate resilience. The Network is working to improve alignment, coordination, communication and strategic impact across a range of issues related to climate resilience. Ultimately, the goal of the Network is to ensure that Vermont is better prepared for and able to more effectively manage, bounce forward and reduce costly impacts from natural disasters and climate-related shocks, and the risks they pose to our economy, environment, and social well-being. Building capacity and preparedness in residents and vulnerable populations. Helping communities protect floodplains and reduce damage. Helping Vermont's economic and community centers plan and prepare. Strengthening Vermont's economic, environmental, and social resilience. Connecting organizations and agencies across the State.*

**Resources:** e-Newsletter *Resilient Vermont Project*, case studies, *Recovery Guide for Businesses, Roadmap to Resilience*, *Resilient Vermont Network*, *Resilient Communities Scorecard* (Vermont Natural Resources Council).

#### **Resources for the Future (RFF)**

**URL:** <http://www.rff.org>

**Description:** *Resources for the Future improves environmental and natural resource policymaking worldwide through objective social science research of the highest caliber. For more than 60 years, RFF has pioneered the application of economics as a tool to develop more effective policy about the use and conservation of natural resources. Its scholars continue to analyze issues of pollution control, energy and*

*transportation policy, land and water use, hazardous waste, climate change, biodiversity, ecosystem management, health, and environmental challenges of developing countries.*

**Resources:** Publications (extensive); research reports; job, fellowship & internship opportunities.

### **Restore America's Estuaries (RAE)**

**URL:** [www.estuaries.org](http://www.estuaries.org)

**Description:** *Restore America's Estuaries is a national alliance of 11 coastal conservation groups that stretch from Maine to Washington State. Local projects restore coastal wetlands, improve water quality, open fish passages, build living shorelines re-plant salt marshes and restore shellfish habitat. We provide a united voice for coastal conservation in the nation's capital and advance the science and practice of protecting and restoring estuaries through on-the ground projects, groundbreaking science, high-level meetings, and the power of convening people. Restore America's Estuaries' is dedicated to the protection and restoration of bays and estuaries as essential resources for our nation.*

**Resources:** e-Newsletter, topic briefings, reports, videos, jobs, initiatives: *Coastal Blue Carbon, First National Report: Living Shorelines.* (donor support).

### **Restore Your Economy**

**URL:** <http://restoreyoureconomy.org>

**Description:** *Welcome to RestoreYourEconomy.org, a project funded by the U.S. Economic Development Administration (EDA). This website provides resources and best practice information for public and private stakeholders seeking to rebuild their local economies after a major disaster as well as assisting the business community to prepare for a disaster. RestoreYourEconomy.org is a one-stop shop of disaster preparedness and post-disaster economic recovery resources, tools, event announcements as well as opportunities to connect with peers through social media groups. The site provides guidance to communities struggling with questions such as: What are some successful strategies to build resilience into the local economy? How do I try to encourage my local businesses to make preparations to reduce their vulnerabilities?*

**Resources:** Extensive resources, case studies, business webinars, events, Action Plans: *Formulating a Communication Strategy*, publication *Disaster Resource Guide* [restoreyoureconomy.org/disaster-resource-guide](http://restoreyoureconomy.org/disaster-resource-guide).

### **Risk Management Solutions**

**URL:** [www.rms.com](http://www.rms.com)

**Description:** *RMS is a private company that develops models and software to help insurers, financial markets, corporations, and public agencies evaluate and manage catastrophe risks throughout the world. We lead an industry that we helped to pioneer—catastrophe risk modeling—and are the innovators of the RMS(one)<sup>®</sup> platform, which is transforming the world's understanding and quantification of risk through open, real-time exposure and risk management. RMS models offer tools to solutions to better understand and manage the risks of natural and human-made catastrophes, including hurricanes, earthquakes, floods, terrorism, and pandemics.*

**Resources:** Career opportunities (international);

### **Risky Business Project**

**URL:** <http://riskybusiness.org/>

**Description:** *Launched in October 2013, the Risky Business Project focuses on quantifying and publicizing the economic risks from the impacts of a changing climate. Risky Business Project co-chairs Michael R. Bloomberg, Henry Paulson, and Tom Steyer tasked the Rhodium Group with an independent assessment of the economic risks posed by a changing climate in the U.S. The work is supported by Paulson Institute, and TomKat Charitable Trust, Skoll Global Threats Fund, Rockefeller Family Fund, McKnight Foundation, and the Joyce Foundation with staff support provided by Next Generation, an independent 501c3 organization.*

**Resources:** Economic risk reports.

**RiverSmart Communities – UMassAmherst****URL:** <https://extension.umass.edu/riversmart/>**Description:** *The RiverSmart Communities program combines social and river science, institutional and policy research, and community outreach at the University of Massachusetts Amherst to research and address river floods in New England. It is our vision that river management can restore the environmental integrity of rivers while ensuring that New England communities thrive in a world where floods naturally occur. Our work aims to help New England's communities become river-smart.***Resources:** Publications, manuals for farmers, landowners, municipalities, policy makers, and researchers. Policy report: *Supporting New England Communities to Become River Smart***Rockefeller Foundation – 100 Resilient Cities Centennial Challenge (100 RC)****URL:** [100resilientcities.rockefellerfoundation.org/](http://100resilientcities.rockefellerfoundation.org/)**Description:** *Resilience is about making people, communities and systems better prepared to withstand catastrophic events – both natural and manmade – and able to bounce back more quickly and emerge stronger from these shocks and stresses. The Rockefeller Foundation launched the 100 Resilient Cities Centennial Challenge to enable 100 cities to better address the increasing shocks and stresses of the 21st century. 100 of the world's cities will be selected to receive technical support and resources for developing and implementing plans for urban resilience over the next three years.***Rocky Mountain Institute****URL:** <http://www.rmi.org/>**Description:** Rocky Mountain Institute (RMI) is an independent, non-partisan nonprofit that drives the efficient and restorative use of resources. RMI advances market-based solutions, engaging businesses, communities, and institutions to cost-effectively shift to efficiency and renewables. We employ rigorous research, analysis, and whole-systems expertise to develop breakthrough insights. We then convene and collaborate with diverse partners—business, government, academic, nonprofit, philanthropic, and military—to accelerate and scale solutions.**Resources:** Library, ideas blog, resources, transportation, buildings, electricity, carbon**Rocky Mountain Land Use Institute (RMLUI)****URL:****Description:** *RMLUI was established to conduct education and research programs on legal and public policy issues related to land use and development. For 25 years, RMLUI has been leading a discussion in the West about the challenges presented by growth and innovative ideas for addressing them.***Resources:** publications, videos (home study); *Sustainable Community Development Code* (in development)**Rural Resilience Initiative (R4)****URL:** [www.wfp.org/climate-change/r4-rural-resilience-initiative](http://www.wfp.org/climate-change/r4-rural-resilience-initiative)**Description:** *Building long-term resilience to climate change for food and income security. The R4 Rural Resilience Initiative (R4) is a comprehensive risk management approach to help communities be more resilient to climate variability and shocks. WFP and Oxfam America (OA) launched the R4 Rural Resilience Initiative (R4) in 2011 to enable vulnerable rural households to increase their food and income security in the face of increasing climate risks. R4 builds on the initial success of the Horn of Africa Risk Transfer for Adaptation (HARITA) initiative, pioneered in Ethiopia by Oxfam America, the Relief Society of Tigray (REST) and Swiss Re.***Resources:** R4 Rural Resilience Initiative Quarterly; Climate Resilience Initiatives; stoves and safe energy for cooking, food security analyses.**S****SciDev.Net**

**URL:** <http://www.scidev.net/>

**Description:** *SciDev.Net is the world's leading source of reliable and authoritative news, views and analysis on information about science and technology for global development. Our main office is based in London but we have a worldwide network of registered users, advisors, consultants and freelance journalists, predominantly from developing countries, who drive our activities and vision.*

**Resources:** mail alerts, training, searchable database by topic and region (extensive); topics: biodiversity, environment, governance, agriculture, policy, climate change, communication, food security, forestry.

### Science for Nature and People Partnership (SNAPP)

**URL:** <http://snapppartnership.net/>

**Description:** *The Science for Nature and People Partnership (SNAPP) was founded by The Nature Conservancy, the Wildlife Conservation Society, and the National Center for Ecological Analysis and Synthesis (NCEAS) at the University of California, Santa Barbara. The SNAP Partnership delivers evidence-based, scalable solutions for problems at the collective interface of economic development, nature conservation, and human well-being. SNAPP funds and convenes multidisciplinary and cross-sector collaborations to catalyze innovative solutions with a clear pathway to implementation.*

**Resources:** Working groups, RFP for new working groups, TED talk (Open Ocean Aquaculture),

### Scientists Without Borders

**URL:** <http://www.nyas.org/>

**Description:** *Scientists Without Borders<sup>SM</sup> aims to mobilize and coordinate science-based activities that improve quality of life in the developing world. Conceived by the New York Academy of Sciences (NYAS) and the United Nations Millennium Project and guided by the Millennium Development Goals (MDGs), Scientists Without Borders helps match needs with resources and enables its members to join forces across organizations, disciplines, and distances to deliver an impact that they could not achieve independently. We have successfully created a free, robust international community Web site and database that builds bridges among scientists and organizations from disparate specialties and locations. "Members"—individuals, projects, and organizations that work, or would like to work, in the developing world—enter information about themselves, including their needs and/or resources. Potential partners can then be contacted directly through the site.*

**Resources:** topics searchable archive, including sustainability and resilience, science education, awards (young scientists), levels of membership, coverage is NY Metro-region, national and international, job and career development opportunities.

### SDG Knowledge Hub – IISD

**URL:** <http://sdg.iisd.org/>

**Description:** *The SDG Knowledge Hub is an online resource center for news and commentary regarding implementation of the United Nations' 2030 Agenda for Sustainable Development, including 17 Sustainable Development Goals (SDGs). The SDG Knowledge Hub is managed by the International Institute for Sustainable Development (IISD). The SDG Knowledge Hub brings together the content of our former Policy & Practice knowledge bases focused on: Chemicals and Wastes; Climate Change; Natural Resources; Small Island Developing States (SIDS); Sustainable Development; Sustainable Energy; and three regional sites on Africa, Asia-Pacific, and Latin America and the Caribbean.*

**Resources:** e-Newsletter *SDG Update*, policy briefs, articles, events; also see International Institute for Sustainable Development (IISD)

### Second Nature - Education for Sustainability

**URL:** [www.second.nature.org](http://www.second.nature.org)

**Description:** *Supporting American College & University Presidents' Climate Commitment, Second Nature's mission is to create a sustainable society by transforming higher education. We accelerate movement toward a sustainable future by serving and supporting senior college and university leaders in making healthy, just, and sustainable living the foundation of all learning and practice in higher education.*

**Resources:** e-Newsletter, publications, topic searchable archive, programs, annual Climate Leadership Awards, Climate Leadership Summit, Renewables Global Status Report.

#### **Security and Sustainability Forum**

**URL:** [securityandsustainabilityforum.org](http://securityandsustainabilityforum.org)

**Description:** *The Security and Sustainability Forum (SSF) is a public interest organization that produces learning events about climate security, which we define as the threats to society from a changing climate and related disruptions to natural systems. Our main products are free webinars that convene global experts on food and water security, public health, economic vitality, infrastructure, governance and other impacts that must be solved in meeting climate security challenges.*

**Resources:** No cost membership, sign up via website for notices, discounts, job board, other.

#### **SEED Network (Social Economic Environmental Design)**

**URL:** [www.seed-network.org](http://www.seed-network.org)

**Description:** *SEED® is a principle-based network of individuals and organizations dedicated to building and supporting a culture of civic responsibility and engagement in the built environment and the public realm. By sharing best practices and ideas, these parties create a community of knowledge for professionals and the public based on a set of shared principles. The SEED Network connects similarly minded members of the public with designers from the fields of architecture, industrial design, communication design, landscape architecture and urban planning. The SEED Network is composed of its members who have taken the SEED Pledge and endorse the founding mission and principles of the network. Members promote and celebrate the idea that design matters and all people can shape their world for the better through design. SEED® is administered by DesignCorps, a 501c3 organization.*

**Resources:** Project recognition (certification), case studies, *SEED Evaluator 3.0*; training (also see: Public Interest Design Institute).

#### **SHADE Institute – SHADE GROUP**

**URL:** [www.shadegroup.org](http://www.shadegroup.org)

**Description:** *The SHADE Institute is a Hawaii-based Public Interest Design (PID) initiative to create a more sustainable, resilient and humane built environment by providing intern training and continuing education for urban planning and design professionals through community service. SHADE Group LLC is a State of Hawaii registered business whose mission is to create alliances among innovative planning design firms, government non-profit and for-profit organizations, and communities interested in making better built environments in the tropical and sub-tropical regions of the world. SHADE Institute is sponsored by The Oahu Economic Development Board 501(c)(3).*

**Resources:** *public interest projects, intern opportunities/job postings.*

#### **Smart Growth America**

**URL:** [www.smartgrowthamerica.org](http://www.smartgrowthamerica.org)

**Description:** *Smart Growth America advocates for people who want to live and work in great neighborhoods. We believe smart growth solutions support businesses and jobs, provide more options for how people get around and make it more affordable to live near work and the grocery store. Our coalition works with communities to fight sprawl and save money.*

**Resources:** e-Newsletters (Washington Updates0, LOCUS news for real estate developers, Smart Growth Jobs list, National Brownfields Coalition; blog, extensive resources searchable by topic, State, Guides, Complete Streets, policy guides (multiple topics), workshops, Governor's Workshop on Community Design.

#### **SmarterSafer.org**

**URL:** [www.smartersafer.org](http://www.smartersafer.org)

**Description:** *SmarterSafer.org is a national coalition of a diverse voices united in favor of environmentally responsible, fiscally sound approaches to natural catastrophe policy that promote public safety. The coalition believes that the Federal government has a role in encouraging and helping homeowners to*

*undertake mitigation efforts to safeguard their homes against natural disasters. At the same time, the coalition opposes measures that put people's lives at risk at the expense of taxpayers.*

**Resources:** Digital library, position statements, tips for mitigation,

### **Society of American Military Engineers (SAME)**

**URL:** <http://www.same.org/index.php/membership/join-same>

**Description:** *SAME is the premier professional engineering association in the United States that connects public sector and private industry professionals in the architecture, engineering, construction, and environmental and facility management fields to strengthen our nation's security.*

**Resources:** For qualified professional membership (various levels); meetings, training, publications, awards and recognition, contract opportunity postings.

### **Society for Ecological Restoration**

**URL:** [www.ser.org](http://www.ser.org)

**Description:** *The Society for Ecological Restoration (SER) is a non-profit organization comprised of individuals and partner organizations from around the world who are actively engaged in the repair and recovery of degraded ecosystems. Members include scientists, planners, administrators, consultants, indigenous peoples, landscape architects, teachers, artists, engineers, natural resource managers, farmers/growers, community leaders, and volunteers in more than 60 nations. The Society's mission is to promote ecological restoration as a means of sustaining the diversity of life on Earth and reestablishing an ecologically healthy relationship between nature and culture.*

**Resources:** e-Newsletter, resources, project showcase, discounted publications, job postings

### **Society of Building Science Educators (SBSE)**

**URL:** <http://www.sbse.org/>

**Description:** *The Society of Building Science Educators (SBSE) is an association of university educators and practitioners in architecture and related disciplines who support excellence in the teaching of environmental science and building technologies. SBSE's goal of promoting and supporting quality instruction in building science is realized through a broad range of practical activities.*

**Resources:** Membership \$50/year, e-Newsletter (quarterly), conferences, Checklist for regeneration-based design and construction; carbon neutral design, image gallery, sun angle calculator, list-serve Q&A, scholarship opportunities.

### **Society for Risk Analysis (SRA)**

**URL:** <http://sra.org/>

**Description:** *The Society for Risk Analysis is a multidisciplinary, scholarly, international society that provides an open forum for those interested in risk analysis. Risk analysis is broadly defined to include risk assessment, risk characterization, risk communication, risk management, and policy relating to risk, in the context of risks of concern to individuals, to public- and private-sector organizations, and to society at a local, regional, national, or global level.*

**Resources:** (Various levels of membership), e-Newsletter, Journal *Risk Analysis* career opportunity listings, webinars, speakers bureau, teaching resources.

### **Solutions Journal**

**URL:** [www.thesolutionsjournal.com](http://www.thesolutionsjournal.com)

**Description:** *Solutions is a non-profit print and online publication devoted to showcasing bold and innovative ideas for solving the world's integrated ecological, social, and economic problems. Our mission is to provide a forum for developing and discussing seriously creative ideas to solve society's most pressing problems in an integrated way.*

**Resources:** e-mail updates (no charge, Annual Subscription (\$19.50/annum); archived articles from prior issues.

### **Species Alliance**



**URL:** <http://www.speciesalliance.org>

**Description:** *Our mission is to raise public awareness of the impending mass extinction and the threat to Earth's life support systems due to this loss of biodiversity. Through our films and other media, website, and outreach, we seek to ignite a new sense of community empowerment and purpose, in order to stimulate creative and effective changes in public policies and human behavior that will assure a healthy future for all life on Earth.*

**Resources:** screening events, documentary film: *Call for Life* (trailer); fact sheet, URL links to resources.

#### **STAR Communities - STAR Rating System**

**URL:** <http://www.starcommunities.org/>

**Description:** *STAR Communities—Sustainability Tools for Assessing and Rating Communities—is a nonprofit organization that works to evaluate, improve and certify sustainable communities. We administer the STAR Community Rating System, the nation's leading framework and certification program for local sustainability. Cities and counties use STAR to measure their progress across social, economic and environmental performance areas.*

**Resources:** *STAR Version 2.0* (released for public comment June 15—July 15 2016); case studies, webinars, Communities, *STAR Communities Report*, *STAR Member Community Program* (for local governments); *STAR Affiliate Program* (for other organizations).

#### **Star-Flood (Europe)**

**URL:** [www.starflood.eu](http://www.starflood.eu)

**Description:** *"Towards more resilient flood Risk Governance." River flood risks in urban areas across Europe will increase tremendously in the coming decades. STAR-FLOOD (2012-2016) aims to design policies to better deal with these risks. The results of the project will be highly relevant for policies and law at the European, national and regional level and for the development of public-private partnerships.*

#### **STEPS Centre**

**Description:** *The STEPS Centre (Social, Technological and Environmental Pathways to Sustainability) is an interdisciplinary global research and policy engagement centre uniting development studies with science and technology studies. Our cross-cutting work covers agriculture & food; energy & climate change; health & disease and water & sanitation. In an era of unprecedented change, we are developing a new 'pathways approach' to understanding and action on sustainability and development, providing new thinking and practical solutions.*

**Resources:** Quarterly e-Newsletter, extensive publications, pathway methods, case studies, working papers, research, energy, water, food, sustainability, democratic and social justice issues, annual meetings,

**URL:** <http://steps-centre.org>

#### **Stevenson Disaster Management Institute (SDMI) Louisiana State University**

**URL:** [www.sdmi.lsu.edu/](http://www.sdmi.lsu.edu/)

**Description:** *Recognizing both the importance of the incorporation of disaster management studies in university curricula and the significance of disaster resilient universities in disaster-prone communities.*

#### **Strong Towns**

**URL:** [www.strongtowns.us](http://www.strongtowns.us)

**Description:** *The mission of Strong Towns is to support a model of development that allows towns and neighborhoods to become financially strong and resilient. That kind of enduring prosperity. It must be built, block by block, day after day, by people who care about the places they live in.*

**Resources:** e-Newsletter, "Curb-side Chats," events, Small Scale Developer Boot Camp, blog, member resources.

#### **Sustainable Cities Institute – National League of Cities**

**URL:** <http://www.sustainablecitiesinstitute.org>

**Description:** *The National League of Cities' Sustainable Cities Institute provides cities and sustainability professionals with timely, vetted, and practical resources to identify and implement solutions to advance their goals and strengthen their communities. Whether your city is just getting started or has an experienced history and commitment to sustainability, the robust collections of city profiles, case studies, model policies, and communication tools found here will provide elected leaders, staff, and engaged stakeholders with a set of resources to guide and catalyze action across a range of topics, including transit-oriented development, green infrastructure 101, complete streets, urban agriculture, energy conservation and efficiency, and recycling.*

**Resources:** e-Newsletter, annual Congress of Cities and Exposition, events and opportunities, reports and publications (extensive, topic searchable).

#### **Sustainable City Network, Inc. (SCN)**

**URL:** [www.sustainablecitynetwork.com](http://www.sustainablecitynetwork.com)

**Description:** *SCN is a business-to-government media and publishing operation based in Dubuque, Iowa, that provides municipal professionals with quality and timely information on sustainability products, services and best practices. The web site's primary audiences are city and county government professionals and elected officials, as well as academicians, business leaders and certain federal officials who play important roles in supporting sustainability. Our Mission: "To make U.S. cities more sustainable through quality and well-organized information."*

**Resources:** e-Newsletter, webinars, training.

#### **Sustainable Jersey**

**URL:** [www.sustainablejersey.com](http://www.sustainablejersey.com)

**Description:** *Sustainable Jersey is a nonprofit organization that provides tools, training and financial incentives to support communities as they pursue sustainability programs. By supporting community efforts to reduce waste, cut greenhouse gas emissions, and improve environmental equity, Sustainable Jersey is empowering communities to build a better world for future generations.*

**Resources:** Certification program for New Jersey municipalities, events and training, funding cycles, New Jersey Small Grants program, grants portal, resources, publications, internships.

#### **Sustainability and Security Forum (SSF)**

**URL:** <http://securityandsustainabilityforum.org/>

**Description:** *The Security and Sustainability Forum (SSF) is a public interest organization that produces learning events about climate security, which we define as the threats to society from a changing climate and related disruptions to natural systems.*

**Resources:** *SSF free Webinars that convene global experts on food and water security, public health, economic vitality, infrastructure, governance and other impacts that must be solved in meeting climate security challenges.*

## **T**

#### **TACTIC Project**

**URL:** [www.tacticproject.eu](http://www.tacticproject.eu)

**Description:** *The aim of the TACTIC project is to increase preparedness to large-scale and cross-border disasters amongst communities and societies in Europe. TACTIC will consider studies on risk perception and preparedness (including good practices and preparedness programmes) to develop a participatory community preparedness self-assessment enabling communities to assess impacts in a multi-hazard context, their motivations and capacities to prepare for large-scale and/or cross-border disasters. This forms the basis for developing context-sensitive education and training strategies and practices that are embedded in an overarching long-term learning framework for increasing the overall preparedness of communities and societies across Europe. Rather than a top-down approach to preparedness, TACTIC will pursue a collaborative strategy, including different user and stakeholder groups in the development,*

*testing and validation of tools and materials and by conducting four case studies focusing on terrorism, floods, pandemics and earthquakes.*

**Resources:** publications, events. On-line self-assessment program (under development)

### **The Climate Group**

**URL:** [www.theclimategroup.org](http://www.theclimategroup.org)

**Description:** *The Climate Group is an international non-profit with offices in Greater China, North America, India and Europe. Our goal is to help leaders transition to a prosperous low carbon economy, driven by the rapid scale-up of clean and renewable energy. We work in partnership with the world's most influential business, state, regional, finance and civil society leaders. For over a decade we have worked to demonstrate the economic and business case for the low carbon economy, and create the political conditions necessary for a strong global framework that addresses climate risks and maximizes climate opportunities.*

**Resources:** e-Newsletter (monthly), corporate and governmental membership options, reports and briefings, interviews, *States and Regions Alliance Disclosure Report*

### **The Climate Mobilization (TCM)**

**URL:** [www.theclimatemobilization.org](http://www.theclimatemobilization.org)

**Description:** *Activist group advocating for WWII-scale mobilization to address climate change, with "Pledge to Mobilize" for political/societal action founded on four premises: "(1) There is a scientific consensus that fossil fuel emissions are warming the earth and causing major changes to our climate and planet. (2) The changing climate is already causing horrible impacts, and threatens the collapse of civilization. (3) We must act immediately and decisively. There is no time for half measures. (4) There is still hope, if we mobilize."*

**Resources:** position statement: *The Transformative Power of Climate Truth*, blog, videos and slides for public presentation, volunteer opportunities.

### **The Energy and Resources Institute (TERI)**

**URL:** [www.teriin.org](http://www.teriin.org)

**Description:** *The Energy and Resources Institute (TERI) is a leading think tank dedicated to conducting research for sustainable development of India and the Global South. TERI was established in 1974 as an information center on energy issues. It is now a research institute, whose policy and technology solutions transformed people's lives and the environment.*

**Resources:** *TerraGreen*, monthly e-Magazine (monthly), publications, area policy briefs (archived), webinars, training, Management Development Programs (MDPs), conferences.

### **The Level Market**

**URL:** <https://thelevelmarket.com>

**Description:** *Our mission is to provide a one-stop-shop for aid and development products. Whether your needs are for tents following an earthquake in South Asia, or cookstoves for a women's empowerment program in Kenya, The Level Market connects buyers with suppliers for efficient transactions and delivery. Helping you to help those in need is our goal.*

**Resources:** Up-to-date process for finding and purchasing disaster protection and recovery products. Searching categories and supplier lists will enable onsite transactions as well as negotiations on pricing, availability and shipping options for delivery anywhere in the world.

### **The Natural Step (TNS)**

**URL:** [www.thenaturalstep.org](http://www.thenaturalstep.org)

**Description:** *Since 1989, our vision is a sustainable society in which individuals, communities, businesses and institutions thrive within nature's limits. Our mission is to accelerate the transition to a sustainable society. We developed and promote the Framework for Strategic Sustainable Development (FSSD). With our partners, we research the science of sustainability and link it to real world applications. We create dialogue about the opportunities and challenges in building a sustainable future. We are accelerating the*

*transition to a thriving world through a new paradigm: The old way of doing business is over. Organizations face increasing challenges in the field of sustainability. This requires a different way of seeing and doing things. We help to make this shift and to choose an approach that is future-proof.*

**Resources:** Case studies archive, sustainability transition labs, tools and training programs and packages; web courses for individuals and organizations.

#### **The Sustainability Consortium (TSC)**

**URL:** [www.sustainabilityconsortium.org](http://www.sustainabilityconsortium.org)

**Description:** A global organization transforming the consumer goods industry to deliver more sustainable consumer products. Our members and partners include manufacturers, retailers, suppliers, service providers, NGOs, civil society organizations, governmental agencies and academics, each bringing valuable perspectives and expertise. TSC convenes these diverse stakeholders to work collaboratively to build science-based decision tools that address sustainability issues that are materially important throughout a product's supply chain and lifecycle. TSC also offers a portfolio of services to help drive effective implementation.

**Resources:** e-Newsletter, product sustainability toolkits, supply chain diagrams, training and tips, conferences (TSC Summit); business/corporate membership tiers.

#### **Thomas Reuters Foundation**

**URL:** <http://www.trust.org/about-the-foundation/>

**Description:** A Charity registered in England and Wales, our mission is to promote socio-economic progress and the rule of law. We leverage the skills of the Thomson Reuters enterprise to inform, connect, and empower people around the world. We spread the practice of pro bono around the world, connecting the best law firms and corporate legal teams with high impact NGOs and social enterprises working to create social progress. We cover the world's under reported stories: humanitarian issues, women's rights, the human impact of climate change, and modern-day slavery.

**Resources:** Media development and training through Reuters Institute for the Study of Journalism; Media Centre, Job openings (international), grants.

#### **Thriving Resilient Communities Collaboratory (TRCC)**

**URL:** [www.thrivingresilience.org](http://www.thrivingresilience.org)

**Description:** TRCC connects the growing community resilience movement in support of large-scale social transformation towards a just and thriving society. We are an action learning community of practice that hosts deep dialogues and gatherings, seeds and incubates collaborative projects, and fosters synergy among North American leaders including Art of Hosting, BayLocalize, Bioneers, Evolver, Movement Generation, PostCarbon Institute, Shareable, TransitionUS, and more. TRCC uses the latest complex systems models to develop its networking processes and techniques. We work with emergence through probing/sensing cycles of weaving inquiries and co-lab collaboration working groups

**Resources:** Reports, grants for donor-funded project initiatives. Sponsors "cafes" and co-labs," Tools, methods, resource lists: "Building Thriving Communities Resource Guide"

#### **Transition USA (network)**

**URL:** <http://www.transitionus.org/>

**Description:** Transition US is a nonprofit organization that provides inspiration, encouragement, support, networking, and training for Transition Initiatives across the United States. We are working in close partnership with the Transition Network, a UK based organization that supports the international Transition Movement as a whole. In 2007, the UK-based charity Transition Network was founded to disseminate the concept of transition communities around the world.

**Resources:** e-Newsletter, topic search of resources, training schedule announcements.

#### **2030 Districts - see Architecture 2030**

## **U**

**UN-NGLS (United Nations Non-Governmental Liaison Service)**

**URL:** [www.unnngls.org](http://www.unnngls.org)

**Description:** *The United Nations Non-Governmental Liaison Service (UN-NGLS) promotes constructive relations between the United Nations and civil society through dynamic partnerships to foster greater coherence around cross-cutting and emerging issues on the UN's agenda and by facilitating meaningful civil society engagement in UN processes.*

**Resources:** e-Newsletter, internships (unpaid), grant opportunities, policy booklets, meetings.

**UN CC:Learn**

**URL:** <http://www.unccllearn.org/>

**Description:** *UN CC:Learn is a partnership of more than 30 multilateral organizations supporting countries to design and implement systematic, recurrent and results-oriented climate change learning. At the global level, the partnership supports knowledge-sharing, promotes the development of common climate change learning materials, and coordinates learning interventions through a collaboration of UN agencies and other partners. At the national level, UN CC:Learn supports countries in developing and implementing national climate change learning strategies. The Secretariat for UN CC:Learn is hosted by the UN Institute for Training and Research (UNITAR).*

**Resources:** e-Courses, videos, library (over 2000 entries), events, science, education, health, adaptation, youth.

**UN WIRE**

**URL:** <http://www.unfoundation.org/what-we-do/campaigns-and-initiatives/un-wire/>

**Description:** *Launched by the UN Foundation in 2004, UN Wire is an email newsletter that delivers a daily snapshot of the myriad news stories that touch on the work of the UN, including diplomacy, humanitarian relief, addressing climate change and fighting disease and poverty. By offering a balanced and unbiased update, UN Wire has proved to be a trustworthy source for those hoping to cut through the frequent disinformation released about the UN and its broad efforts to meet global challenges.*

**Resources:** e-Newsletter, publications, areas of focus: global health, energy, climate, women & population

**UNITAR**

**URL:** [www.unitar.org](http://www.unitar.org)

**Description:** *An autonomous UN body established in 1963, the United Nations Institute for Training and Research ([www.unitar.org](http://www.unitar.org)) is a training arm of the United Nations System, and has the mandate to enhance the effectiveness of the UN through diplomatic training, and to increase the impact of national actions through public awareness-raising, education and training of public policy officials. UNITAR provides training and capacity development activities to assist mainly developing countries with special attention to Least Developed Countries (LDCs), Small Island Developing States (SIDS) and other groups and communities who are most vulnerable, including those in conflict situations.*

**Resources:** Web-based free and open courses, Masters and advance courses and training, fellowship and financial assistance

**UN-REDD Programme**

**URL:** <http://www.un-redd.org/>

**Description:** *The UN-REDD Programme is the United Nations collaborative initiative on Reducing Emissions from Deforestation and forest Degradation (REDD) in developing countries. The Programme was launched in 2008 and builds on the convening role and technical expertise of the Food and Agriculture Organization of the United Nations (FAO), the United Nations Development Programme (UNDP) and the United Nations Environment Programme (UNEP). The UN-REDD Programme supports nationally-led REDD+ processes and promotes the informed and meaningful involvement of all stakeholders, including Indigenous Peoples and other forest-dependent communities, in national and international REDD+ implementation.*

**Resources:** Reports, training, REDD+ Academy, "REDD+ champions+"

**Union of Concerned Scientists**

**URL:** <http://www.ucsusa.org/>

**Description:** *The Union of Concerned Scientists puts rigorous, independent science to work to solve our planet's most pressing problems. Joining with citizens across the country, we combine technical analysis and effective advocacy to create innovative, practical solutions for a healthy, safe, and sustainable future.*

**Resources:** Topic search of resources; issue papers; internships, job postings.

**United Nations Environment Programme (UNEP)**

**URL:** <http://web.unep.org>

**Description:** *The United Nations Environment Programme (UNEP) is the leading global environmental authority that sets the global environmental agenda, promotes the coherent implementation of the environmental dimension of sustainable development within the United Nations system and serves as an authoritative advocate for the global environment.*

**Resources:** Publications (extensive) topic search of resources; conferences, including: Eye on Earth Alliance Summit; job postings (international); United Nations Climate Change portal.

**United Nations Foundation**

**URL:** <http://www.unfoundation.org/>

**Description:** *When disaster strikes, the world turns to one organization for hope, help, leadership, and coordination: the United Nations. When there is peace to keep between warring factions, the world asks the UN to mobilize peacekeepers, oversee elections, and create stability. In the face of challenges such as climate change, disease or poverty, the United Nations provides the platform for international cooperation. Jobs and internships: The United Nations Foundation posts full-time, part-time and consultant opportunities on a regular basis.*

**Resources:** e-Newsletter, topic search of resources, internships and job postings.

**United Nations Framework Convention on Climate Change (UNFCCC)**

**URL:** [unfccc.int/2860.php](http://unfccc.int/2860.php)

**Description:** *Website for United Nations Conferences of Parties (COP). The United Nations Framework Convention on Climate Change (UNFCCC) is an international environmental treaty negotiated at the Earth Summit in Rio de Janeiro June 1992. The UNFCCC objective is to "stabilize greenhouse gas concentrations in the atmosphere at a level that would prevent dangerous anthropogenic interference with the climate system" The framework outlines how specific international treaties (called "protocols" or "Agreements") may be negotiated to set binding limits on greenhouse gases. The UNFCCC is also the name of the United Nations Secretariat charged with supporting the operation of the Convention.*

**Resources:** newsroom, meetings, document archive,.

**United Nations Institute for Training and Research (UNITAR)**

**URL:** [www.unitar.org](http://www.unitar.org)

**Description:** *Our Mission: "To develop capacities to enhance global decision-making and to support country level action for shaping a better future." The Institute designs and delivers innovative training to address needs of individuals, organizations and institutions; facilitates knowledge and experience-sharing through networked and innovative processes; conducts research on and pilots innovative learning strategies, approaches and methodologies; and advises and supports governments, UN and other partners with technology-based knowledge-related services.*

**Resources:** open e-courses; core diplomatic training, fellowships and financial assistance; position openings

**United Nations Office for Disaster Risk Reduction (UNISDR)**

**URL:** <http://www.unisdr.org>



**Description:** *The mandate of UNISDR expanded in 2001 to serve as the focal point in the United Nations system for the coordination of disaster reduction and to ensure synergies among the disaster reduction activities of the United Nations system and regional organizations and activities in socio-economic and humanitarian fields.*

**Resources:** Topic search of resources, sponsor of Hyogo Framework for Action (HFA) 10-year plan to make the work safer from natural hazards (2005-2015), *Global Assessment Report (GAR15)* with separate website <http://www.preventionweb.net>

**United Nations University Inst. Integrated Management of Material Fluxes and Resources (UNU-FLORES)**

**URL:** <https://flores.unu.edu/mission-and-vision/>

**Description:** *Advancing the nexus approach (water, soil, waste) to the sustainable management of environmental resources" - UNU-FLORES aims to contribute to the resolution of pressing challenges to the sustainable use and integrated management of environmental resources, such as water, soil and waste. UNU-FLORES strives to advance the development of integrated management strategies that take into consideration the impact of global change on the sustainable use of the environmental resources. To this end, the Institute engages in research, teaching, advanced training, capacity development and dissemination of knowledge.*

**Resources:** (international) research, global change assessment, on-line courses, videos, publications, events.

**University Corporation for Atmospheric Research (UCAR)**

**URL:** <http://www2.ucar.edu/about-us>

**Description:** *The University Corporation for Atmospheric Research is a consortium of more than 100 member colleges and universities focused on research and training in the atmospheric and related Earth system sciences. Our member institutions set directions and priorities for the National Center for Atmospheric Research, which UCAR manages with sponsorship by the National Science Foundation. Through our community programs, UCAR supports and extends the capabilities of our academic consortium. The National Center for Atmospheric Research (NCAR) provides research, observing and computing facilities, and a variety of services for the atmospheric and related Earth sciences community. UCAR Community Programs provide innovative services in support of the consortium's education and research goals.*

**Resources:** Study opportunities, honors & awards, tours (Boulder Colorado NCAR Visitor Center)

**Urban Climate Change Research Network (UCCRN)**

**URL:** [uccrn.org](http://uccrn.org)

**Description:** *The Urban Climate Change Research Network (UCCRN) is a consortium dedicated to the analysis of climate change mitigation and adaptation from an urban (international) perspective. Members span a broad range of expertise including climate scientists; urban heat island and air quality experts; climate change impact scientists; social scientists, including political scientists, planners, and economists; and urban designers and planners. UCCRN leads the Assessment Report on Climate Change and Cities (ARC3), an ongoing assessment of scientific, economic, and planning-related research and promotes knowledge sharing among researchers and urban decision-makers and other stakeholders on mitigation and adaptation in cities.*

**Resources:** e-Newsletter, videos, publications, cases studies docking station, events, "State of the Planet" blog.

**Urban Land Institute (ULI)**

**URL:** <http://uli.org/>

**Description:** *ULI, the Urban Land Institute, is a nonprofit member-supported research and education organization, founded in 1936, now with more than 32,000 members worldwide, representing the entire spectrum of land use and real estate development disciplines working in private enterprise and public service. A multidisciplinary real estate forum, ULI facilitates an open exchange of ideas, information, and*

*experience among industry leaders and policy makers dedicated to creating better places...ULI members commit to the best in land use policy and practice.*

**Resources:** Topic search of resources; issue papers, meetings; Innovation Grants (\$5,000-\$25,000).

#### **Urban Sustainability Directors Network (USDN)**

**URL:** <http://usdn.org/public/about-us>

**Description:** *The Urban Sustainability Directors Network “is a peer-to-peer network of local government professionals from cities across the United States and Canada dedicated to creating a healthier environment, economic prosperity and increased social equity. Our work is member driven: members collectively determine what priorities they have each year and lead the work to carry them out. A Planning Committee serves as USDN’s governing body, with responsibility to advance the strategic direction of the network, supported by a managing director and staff. USDN’s ultimate goal is to build and strengthen the connections between members in order to quickly access each other’s knowledge and expertise to achieve better, more effective outcomes at scale. The connections fostered by USDN have become increasingly important as cities both large and small lead the way in developing the next generation of sustainable communities.*

**Resources:** (by membership various categories), tools, guidebooks.

#### **U.S. Army Corps of Engineers (USACE) Building Resilience Website**

**URL:** <http://www.usace.army.mil/Missions/Sustainability/BuildingResilience.aspx>

**Description:** *In March 2015, the Chief of Engineers established the U.S. Army Corps of Engineers’ Resilience Initiative. The Corps has long-incorporated resilience into its projects and delivered resilient solutions, and the lead for this initiative is the Chief of Engineering and Construction because our infrastructure is at the heart of what the Corps provides for resilience. This initiative is intended to update the Corps’ standards and criteria to reflect the most current risk-informed decision-making practices for improved project resilience and to provide greater support to community resilience both locally and through national policies. This initiative applies to all of the Corps and to resilience at project, system, and community levels.*

**Resources:** extensive library, topic searchable building codes and standard; career opportunities.

#### **U.S. Climate Action Network (USCAN)**

**URL:** <http://blog.usclimatenetwork.org/>

**Description:** *USCAN’s mission is to support and strengthen US-based civil society organizations’ influence on the development and implementation of local, national, and international climate policy and action. Founded in 1989, USCAN fosters and facilitates collaborative efforts to share information, coordinate activities, and develop strategies across diverse organizations and constituencies. The network spans an array of perspectives and approaches. USCAN members are united by their common goals to reduce US greenhouse gas emissions, to increase climate resiliency, to inspire the United States’ positive leadership in international forums to secure equitable, effective climate policies, and to support on-the-ground implementation of climate solutions.*

**Resources:** blog, reports, conferences, videos, job announcements.

#### **U.S. Climate Resilience Toolkit**

**URL:** <http://toolkit.climate.gov>

**Description:** *The Climate Resilience Toolkit helps people face climate problems and find climate opportunities. People who recognize they are vulnerable to climate variability and change can work to reduce their vulnerabilities, and find win-win opportunities that simultaneously boost local economies, create new jobs, and improve the health of ecosystems. This is a climate-smart approach—investing in activities that build resilience and capacity while reducing risk.*

**Resources:** Climate explorer, climate data, tools, training courses, find experts, federal grants and funding opportunities, Federal Agency coordination; *CarbonScapes Atlas* summarizes carbon pools by country, watershed and major land resources; *Sea Level Rise and Coastal Flood Web Tools Comparison Matrix*.

**U.S. Conference of Mayors (USCM)****URL:** [www.usmayors.org](http://www.usmayors.org)**Description:** *The United States Conference of Mayors (USCM) is the official non-partisan organization of cities with populations of 30,000 or more. There are 1,393 such cities in the country today. Each city is represented in the Conference by its chief elected official, the mayor.***Resources:** USCM News Alerts and U.S. Mayor Newspaper, briefings, reports, videos, meetings, videos, best practice reports (extensive - key word searchable), business initiatives.**U.S. Endowment for Forestry & Communities, Inc.****URL:** <http://www.usendowment.org/>**Description:** *The U.S. Endowment for Forestry & Communities, Inc. (Endowment) is a not-for-profit corporation established September 21, 2006, at the request of the governments of the United States and Canada in accordance with the terms of the Softwood Lumber Agreement (SLA) between the two countries. The Endowment is one of three entities designated to share in a one-time infusion of funds to support "meritorious initiatives" in the U.S. It has been endowed with \$200 million under terms of the SLA.***Resources:** News reports (archived), publications, RFPs, grants,**U.S. Energy Information Administration (U.S. EIA)****URL:** [www.eia.gov](http://www.eia.gov)**Description:** *The U.S. Energy Information Administration (EIA) is a principal agency of the U.S. Federal Statistical System responsible for collecting, analyzing, and disseminating energy information to promote sound policymaking, efficient markets, and public understanding of energy and its interaction with the economy and the environment. EIA programs cover data on coal, petroleum, natural gas, electric, renewable and nuclear energy. EIA is part of the U.S. Department of Energy.***Resources:** Energy data summaries (topic searchable), national energy prices (daily), short- and long-term outlooks, sources and uses, national and international.**U.S. Environmental Protection Agency (EPA)****URL:** <http://www.epa.gov/climatechange/>**Description:** *Web-site hub for resources related to climate change research, policy, laws, regulations and best practices.***Resources:** News reports, publications, (extensive) searchable by topic: air, chemicals and toxics, health & safety, climate change, emergencies, greener living, land and clean-up, pesticides, waste, water.**U.S. FEMA Cooperating Technical Partners Program (CTP)****URL:** <https://www.fema.gov/cooperating-technical->**Description:** *The Cooperating Technical Partners (CTP) Program was developed in 1999 to increase involvement in the National Flood Insurance Program (NFIP) through strong, formalized partnerships with Federal, State, regional, and local agencies.***Resources:** Competitive selection of grant awards (annual).**U.S. FEMA.gov.Communities National Preparedness Community Main Group****URL:** [community.fema.gov](http://community.fema.gov) • topic search of resources available via website.**Description:** *The National Preparedness Community is where we, the whole community, connect, collaborate and empower ourselves and each other to fulfill our shared responsibility to prepare.***Resources:** Open and free to anyone who wishes to join. Events posted website and emails list meetings updated weekly by open source throughout the U.S.**U.S. FEMA National Integration Center Strategic Resources Group (FEMA-NIMS)****URL:** <http://www.fema.gov/resource-management>**Description:** *"Safer, stronger, protected homes & communities" - credentialing; standardized resource management concepts such as typing, inventorying, organizing and tracking; resource management as an*

*element of preparedness and during an incident; National Incident Management System (NIMS) and Incident Resource Inventory System (IRIS).*

**U.S. FEMA Strategic Foresight Initiative on Natural Disaster Preparedness**

**URL:** [www.fema.gov/strategic](http://www.fema.gov/strategic)

**Description:** *The purpose of this website is to generate discussion about how to shape an emergency management community that is prepared for whatever challenges the future holds and how to cultivate a common sense of direction and urgency to drive action toward meeting our shared future needs – starting today. The contents of this website do not necessarily represent the official policies of the Department of Homeland Security or the Federal Emergency Management Agency.*

**Resources:** “SFI toolbox,” videos, webinars, reports, grants, recovery assistance, job listings, links to related resources

**U.S. Fish & Wildlife Service Conservation in a Changing Climate**

**URL:** <http://www.fws.gov/home/climatechange/>

**Description:** *The mission of the U.S. Fish and Wildlife Service is working with others to conserve, protect, and enhance fish, wildlife, plants, and their habitats for the continuing benefit of the American people. We are both a leader and trusted partner in fish and wildlife conservation, known for our scientific excellence, stewardship of lands and natural resources, dedicated professionals, and commitment to public service.*

**Resources:** searchable by state and topic, reports including climate change, grants, job listings.

**U.S. Forest Service Climate Change Resource Center (CCRC)**

**URL:** [www.fs.fed.us/ccrc/](http://www.fs.fed.us/ccrc/)

**Description:** *Portal for CCRC summaries of specific topics in natural resource sciences and management related to climate change. Forest Service researchers provide a brief introduction to the topic with some recommended readings and links for further research.*

**Resources:** CCRC library, video lectures; topic search of resources.

**U.S. Geological Service (USGS) - Science Application for Risk Reduction (SAFRR)**

**URL:** [http://www.usgs.gov/natural\\_hazards/safrr/](http://www.usgs.gov/natural_hazards/safrr/)

**Description:** *The Science Application for Risk Reduction (SAFRR) Project was created to innovate the application of hazard science for the safety, security, and economic well-being of the nation. The SAFRR team helps build resilience to natural hazards such as earthquakes, floods, wildfires, landslides, tsunamis, and coastal erosion by working with decision making and emergency response efforts across the nation. SAFRR helps communities reduce their natural hazard threats by directing new and existing scientific research toward addressing gaps in vulnerability, producing innovative products, and connecting experts with users of their science.*

**Resources:** e-Newsletter, maps, imagery, tools, publications, searchable by topic, news summaries, job postings.

**U.S. Global Change Research Program (USGCRP)**

**URL:** [www.globalchange.gov](http://www.globalchange.gov)

**Description:** *The U.S. Global Change Research Program (USGCRP) is a Federal program that coordinates and integrates global change research across 13 government agencies to ensure that it most effectively and efficiently serves the Nation and the world. USGCRP was mandated by Congress in the Global Change Research Act of 1990, and has since made the world’s largest scientific investment in the areas of climate science and global change research.*

**Resources:** Funding opportunities (research, education); topic search function of resources, monthly e-newsletter.

**U.S. Green Building Council (USGBC)**

**URL:** [www.usgbc](http://www.usgbc)

**Description:** USGBC LEED, or Leadership in Energy & Environmental Design, is a green building certification program that recognizes best-in-class building strategies and practices. To receive LEED certification, building projects satisfy prerequisites and earn points to achieve different levels of certification. Prerequisites and credits differ for each rating system, and teams choose the best fit for their project.

**Resources:** Articles, case studies, environmental certification for buildings.

#### **U.S. Health and Human Services (HHS) Disaster Information Management Research Center (DIMRC)**

**URL:** <http://disasterinfo.nlm.nih.gov/>

**Description:** This site is a compendium of resources related to medical and public health issues of children in disasters and emergencies. Links are provided to both journal articles and to other documents and materials that may be useful in preparedness, mitigation, response and recovery activities. The intent is to consolidate the multitude of resources available across a variety of organizations, Web sites, databases and training sites, making the search for relevant materials simpler and more direct. The resources target health providers, emergency and community planners, and the disaster workforce who work with or on behalf of children.

**Resources:** Topic search of extensive resources, webinars, training, multi-risks and disaster.

#### **U.S. Resiliency Council (USRC)**

**URL:** <http://usrc.org/>

**Description:** The US Resiliency Council's mission is to establish and implement meaningful rating systems that describe the performance of buildings during earthquakes and other natural hazard events, to educate the general public to understand these risks, and to thereby improve societal resilience. USRC is a leading organization for implementing and disseminating rating systems that describe the performance of buildings during earthquakes and other natural hazard events. USRC will fulfill its role through the following activities: Provide information to increase market demand for better performing buildings; Develop consensus about ratings by bringing together diverse stakeholders and technical experts; Promote integrity, stability, consistency and transparency of rating systems; Educate and advocate for safe buildings and a better public understanding of building performance.

**Resources:** Technical resources: Seismic Design Guidelines, papers, reports, presentations. USRC Resiliency Council FEMA P-58-based Rating Methodology.

#### **U.S. Water Alliance**

**URL:** [www.uswateralliance.org](http://www.uswateralliance.org)

**Description:** Founded in 2008, the U.S. Water Alliance is the only organization with the charter and mission of bringing together a diverse array of interests to create integrated, holistic water policies for America. The Alliance is dedicated to working with individuals, organizations and entities throughout the country, both public and private, to speak with one voice to forge a new vision for a sustainable water future. The Alliance is committed to uniting people and policy for water sustainability in a changing climate. The Alliance emphasizes the importance and value of each aspect of the water cycle and promotes more integrated, sustainable management of water and watersheds (a concept we call "one water" leadership (OWL). The Alliance awards an annual U.S. Water Prize, convenes an annual conference, and is project manager of the "Value of Water Coalition [www.thevalueofwater.org](http://www.thevalueofwater.org).

**Resources:** e-Newsletter "NewsWaves;" publications, blog, summit, State of Water Industry summaries (annual).

#### **U.S. White House – U.S President's Climate Data Initiative**

**URL:** <http://www.whitehouse.gov/blog/2014/03/19/climate-data-initiative>; also:

<http://www.whitehouse.gov/the-press-office/2014/03/19/fact-sheet-president-s-climate-data>

**Description:** Delivering on a commitment in the President's Climate Action Plan, we are launching the Climate Data Initiative...bringing together extensive open government data and design competitions with commitments from the private and philanthropic sectors to develop data-driven planning and resilience tools for local communities to plan for current and future climate impacts.

**U.S. White House – Council on Environmental Quality – U.S. President’s Climate Action Plan**

**URL:** [www.whitehouse.gov/share/climate-action-plan](http://www.whitehouse.gov/share/climate-action-plan)

**Description:** *On June 25, 2013, President Obama announced his comprehensive plan to reduce carbon pollution, move our economy toward American-made clean energy sources, and begin to slow the effects of climate change. The Administration is taking steady, responsible steps to cut the carbon pollution that causes climate change and threatens public health. Reducing carbon pollution will help keep our air and water clean, protect our children, drive innovation to modernize our power plants, and create good American jobs as we move toward cleaner, more efficient forms of energy.*

**U.S. White House – Dept. of Homeland Security – PPD-8: National Preparedness**

**URL:** [www.dhs.gov/presidential-policy-directive-8-national-preparedness](http://www.dhs.gov/presidential-policy-directive-8-national-preparedness)

**Description:** *Issued March 30, 2011. The term "resilience" refers to the ability to adapt to changing conditions and withstand and rapidly recover from disruption due to emergencies. This directive is aimed at strengthening the security and resilience of the United States through systematic preparation for the threats that pose the greatest risk to the security of the Nation, including acts of terrorism, cyber attacks, pandemics, and catastrophic natural disasters. Our national preparedness is the shared responsibility of all levels of government, the private and nonprofit sectors, and individual citizens. Everyone can contribute to safeguarding the Nation from harm. While this directive is intended to galvanize action by the Federal Government, it is also aimed at facilitating an integrated, all-of-Nation, capabilities-based approach to preparedness.*

**V****Video Project - (The Video Project)**

**URL:** <http://www.videoproject.com/>

**Description:** *Our mission is to distribute the very best in educational media and documentary programming on critical environmental, global and social issues to the widest possible audience worldwide, including colleges, schools, libraries, businesses, religious groups, government agencies and non-governmental organizations.*

**Resources:** e-mail News list, Extensive archive of educational media/DVDs/videos available for purchase, searchable by topic.

**Virtual EMA (Emergency Management Association)**

**URL:** <http://www.virtualema.org>

**Description:** *The Virtual EMA is a 501(c)3 professional association that seeks to bring together emergency responders (both paid and volunteer), academia (through researchers, professors and students), technologists, community advocates, creative thinkers and all supporters into a true conversation about emergency management problems and solutions. Quarterly Virtual EMA Board meetings are open for anyone to listen in and participate.*

**Resources:** e-Newsletter (monthly), membership from \$80, videos, articles, teleconferences (quarterly open Board meetings) for registered observers.

**Visualizing Change**

**URL:** <http://www.newknowledge.org/portfolio/visualizing-change/>

**Description:** *Visualizing Change aims to build the capacity of educators at informal science learning institutions, such as aquariums and science centers, to help audiences better understand the impact of climate change on our planet. Drawing upon vast data resources of the National Oceanic and Atmospheric Administration (NOAA) and a Strategic Framing communications approach, the project will produce new 2D and 3D visual tools that educators can use to help people make informed decisions and get involved in community-based solutions that address climate change issues like ocean acidification, sea level rise, and extreme weather. NewKnowledge is the external evaluator for Visualizing Change, supported by NOAA.*



**Resources:** Educational presentations, slides, training; Topics: Sea Level Rise, glacier/sea ice change, ocean acidification, migration patterns and changes, impact of drought/rainfall, extreme events

## W

### Water Deeply

**URL:** [www.newsdeeply.com/water/about](http://www.newsdeeply.com/water/about)

**Description:** Water Deeply is an independent digital media project dedicated to covering California's water crisis. Our team, a mix of journalists and technologists, aims to build a better user experience of the story by providing news and analysis in an easily accessible platform. Our hope is to add greater clarity, deeper understanding and more sustained public engagement at a critical moment in water policy.

**Resources:** Weekly roundup Executive Summaries; articles, issues and background papers (searchable archive).

### Water Environment Research Foundation (WERF)

**URL:** [www.werf.org](http://www.werf.org)

**Description:** Providing independent scientific research on wastewater and stormwater issues. Knowledge areas: biosolids, climate change, conveyance systems, decentralized systems, energy, nutrients, others.

**Resources:** Access by registration on website; awards program, webinar events, publications, peer review program, funding / RFP announcements, focus groups (new add: green infrastructure), Extreme Weather Events Fact Sheets and Reports; publications searchable by Keyword/Subject Area.

### Water Footprint Network

**URL:** <http://waterfootprint.org>

**Description:** the Water Footprint Network engages companies, investors, research institutes and government agencies in implementing Water Footprint Assessment into their policies, business and in river basins, leading to sustainable development through water stewardship, resource efficiency and governance. Together with our partners, we developed the Global Water Footprint Standard and are the international leader in Water Footprint Assessment. We also maintain the global water footprint database, [WaterStat](#) and provide a range of water footprint and Water Footprint Assessment, open source, tools and calculators.

**Resources:** Global Water Footprint Standards, (business, product, personal footprint), publication, practitioners' corner, assessment tools and calculators, training/ capacity building initiatives, career opportunities

### Waterkeeper Alliance

**URL:** <http://waterkeeper.org>

**Description:** The vision of the Waterkeeper movement is for swimmable, drinkable, fishable waterways worldwide. Waterkeeper Alliance provides a way for communities to stand up to anyone who threatens this right—from law-breaking corporate polluters to irresponsible governments. On over 244 waterways, from the Great Lakes to the Gulf of Mexico, the Amazon to the Ganges, Waterkeepers are on patrol, in boats ranging in size from kayaks to research vessels. Part scientist, teacher, and law officer, every Waterkeeper combines firsthand knowledge of their waterway with an unwavering commitment to the rights of their community and to the rule of law.

**Resources:** Events calendar (extensive), resources, videos, volunteer opportunities, media guides.

### WeADAPT

**URL:** [www.weadapt.org](http://www.weadapt.org)

**Description:** *Climate adaptation planning, research and practice. WeADAPT is an online ‘open space’ on climate adaptation issues (including the synergies with mitigation), which allows practitioners, researchers and policy makers to access credible, high quality information and to share experiences and lessons learnt.*

**Resources:** Learning forums, articles, projects, and curated networks on themes related to climate adaptation, participation by registration, to view and add climate adaptation projects plotted on a global map, browsable by theme or network. Find out who is doing what, and where, alongside climate station data.

#### **Weather and Climate Extremes Journal**

**URL:** [www.journals.elsevier.com/weather-and-climate-extremes](http://www.journals.elsevier.com/weather-and-climate-extremes)

**Description:** *Weather and Climate Extremes provides academics, decision makers, international development agencies, nongovernmental organizations and civil society with publications on different aspects of research in weather and climate extremes, monitoring and early warning systems, assessment of vulnerability and impacts, developing and implementing intervention policies, effective risk management and adaptation practices to address local and regional needs and circumstances, engagement of local communities in the adoption of these practices to cope with extremes, and information and communication strategies. The journal encourages the submission of original research papers, comprehensive review articles, and short communication.*

**Resources:** Access by subscription

#### **Wetland Link International**

**URL:** <http://wli.wwt.org.uk/>

**Description:** *The Wetland Link International programme is a global network of wetland education centres. The network defines a wetland education centre as, ‘any wetland where there is interaction between people and wildlife and CEPA (communications, education and public awareness) activity occurs in support of wetland conservation aims, and to support the development of frameworks for implementation at national, regional and global levels.*

**Resources:** Webinars, virtual visits to wetland education centers, Manual: “*Developing a Wetland Centre,*” (United Kingdom)

#### **Wetlands International**

**URL:** <http://www.wetlands.org/>

**Description:** *“To sustain and restore wetlands, their resources & biodiversity.” Wetlands International is the only global not-for-profit organization dedicated to the conservation and restoration of wetlands. We are deeply concerned about the loss and deterioration of wetlands such as lakes, marshes and rivers. Our vision is a world where wetlands are treasured and nurtured for their beauty, the life they support and the resources they provide. Wetlands International is dedicated to maintaining and restoring wetlands— for their environmental values as well as for the services they provide to people. We work through our network of offices, our partners and experts to achieve our goals. Most of our work is financed on a project basis by governments and private donors supported by government and NGO membership.*

**Resources:** e-Newsletter(s), publications (extensive), case studies: biodiversity, disaster risk reduction, water security, greening the economy, climate mitigation; policy briefs, videos, instruction/training.

#### **Wheaton College – Humanitarian Disaster Institute (HDI)**

**URL:** [www.wheaton.edu/hdi](http://www.wheaton.edu/hdi)

**Description:** HDI is comprised of a college-wide interdisciplinary team of scholars and educators committed to helping underserved and vulnerable populations challenged by disasters and humanitarian crises. HDI provides technical assistance in areas related to its capabilities to churches, volunteer groups, humanitarian organizations, disaster relief organizations, mental health agencies, public health organizations, faith-based organizations, private research organizations, and academic centers and state and federal agencies.

**Resources:** Booklets, tip sheets (Disaster Spiritual & Emotional Care), white papers, training, technical assistance.

#### **Wildlife Conservation Society – Climate Adaptation Fund**

**URL:** [www.wcsnorthamerica.org/ClimateAdaptationFund](http://www.wcsnorthamerica.org/ClimateAdaptationFund)

**Description:** *Grants are awarded to projects that serve as innovative examples of on-the-ground efforts helping species and the ecosystems on which they depend adapt to changing climatic conditions across the United States. WCS is proud to support these groundbreaking and important projects that serve as models of best practice for future-smart and sustainable investments in restoration, land and water management actions, and science-based adaptation for many years to come.*

**Resources:** Publications, career opportunities, internships, project funding, training, conferences.

#### **Winrock International**

**URL:** [www.winrock.org](http://www.winrock.org)

**Description:** Winrock International is a nonprofit organization that works with people in the United States and around the world to empower the disadvantaged, increase economic opportunity, and sustain natural resources. Program initiatives include sustainability, climate, clean energy, water, social equity. As the effects of climate change become more apparent, addressing it becomes more urgent. Winrock offers expertise in sustainable agriculture, Payment for Environmental Services, and the design and implementation of carbon measurement and monitoring for mitigation activities. American Carbon Registry to incentivize transformative emissions reductions and help communities generate income from activities such as Reducing Emissions from Deforestation and Forest Degradation (REDD).

**Resources:** Publications (extensive); *Innovations* Newsletter; carbon decision support tools; Scholars program (focus: Asia's rural poor), volunteer and job opportunities.

#### **Woods Hole Research Center**

**URL:** <http://whrc.org/>

**Description:** *Woods Hole Research Center is an independent research institute where scientists investigate the causes and effects of climate change to identify and implement opportunities for conservation, restoration and economic development around the world.*

**Resources:** e-Newsletter (monthly), research reports; technical workshops (international)

#### **World Bioenergy Association (WBA)**

**URL:** [info@worldbioenergy.org](mailto:info@worldbioenergy.org)

**Description:** *The World Bioenergy Association (WBA) is the global organization dedicated to supporting and representing the wide range of actors in the bioenergy sector. Its members include national and regional bioenergy organizations, institutions, companies and individuals. The purpose of WBA is to promote the increasing utilization of bioenergy globally in an efficient, sustainable, economic and environmentally friendly way.*

**Resources:** News, publications, factsheets on certification, sustainability, standardization, and bioenergy's impact on food, land-use and water supply.

#### **World Business Council For Sustainable Development (WBCSD)**

**URL:** [www.wbcsd](http://www.wbcsd)

**Description:** *The WBCSD is a CEO-led organization of forward-thinking companies that galvanizes the global business community to create a sustainable future for business, society and the environment. Members are made up of some of the globe's leading corporations spanning a wide range of sectors and geographies. Membership is open to companies committed to sustainable development and to promoting the role of eco-efficiency, innovation and corporate social responsibility.*

**Resources:** e-newsletters (monthly), publications (topic searchable), case studies, videos, tools, career opportunities, *Business Ecosystems Training* (BET).

#### **World Cares Center (WCC)**

**URL:** [www.worldcares.org](http://www.worldcares.org)

**Description:** *World Cares Center (WCC) is a registered 501c3 nonprofit that delivers disaster preparedness and response trainings to empower citizens, youth, seniors, and leaders in communities in the New York Tri-State area, throughout the United States, and abroad. By ensuring that individuals and agencies are prepared to respond to any sort of emergency situation, WCC alleviates the suffering that can beset communities affected by natural and manmade disasters. We train emergency response managers and local leaders to utilize community resources and coordinate large scale contingency plans in collaboration with other responding organizations that take into account the specific needs of each resident.*

**Resources:** Training, services to qualified communities and organizations, volunteer referrals.

#### **World Cities Network.ORG**

**URL:** <http://www.worldcitiesnetwork.org/>

**Description:** *World Cities Network is an open and independent body created to improve the resilience of cities. The organization facilitates the sharing of ideas between city leaders and professionals internationally across the real estate, technology, design, and urban infrastructure industries. We provide a learning network where ideas can be shared in a confidential and neutral environment. We are action orientated and work to stimulate the creation and progression of projects. World Cities Network facilitates multi-disciplined private and public sector events throughout the year worldwide. The organization also delivers knowledge relevant to the real estate community, which causes debate and learning through the Knowledge Hub and a leadership development programme.*

**Resources:** Extensive resources (Knowledge Hub), searchable by topic, international conferences.

#### **World Economic Forum**

**URL:** [www.weforum.org](http://www.weforum.org)

**Description:** *The World Economic Forum, committed to improving the state of the world, is the International Organization for Public-Private Cooperation. The Forum engages the foremost political, business and other leaders of society to shape global, regional and industry agendas. It was established in 1971 as a not-for-profit foundation and is headquartered in Geneva, Switzerland. It is independent, impartial and not tied to any special interests. The Forum strives in all its efforts to demonstrate entrepreneurship in the global public interest while upholding the highest standards of governance. Moral and intellectual integrity is at the heart of everything it does. We believe that progress happens by bringing together people from all walks of life who have the drive and the influence to make positive change.*

**Resources:** Reports, global initiatives, conference events, job openings and careers, Report The Global Risks Report 2016 11<sup>th</sup> Edition

#### **World Meteorological Organization (WMO)**

**URL:** <http://www.wmo.int/>

**Description:** *The World Meteorological Organization (WMO) is a specialized agency of the United Nations. It is the UN system's authoritative voice on the state and behavior of the Earth's atmosphere, its interaction with the oceans, climate it produces and the resulting distribution of water resources.*

**Resources:** Topic search of resources: (climate, energy, water, sustainable cities, business, finance, governance), bulletins, extensive publications; internships and job postings; *WHO Statement on the Status of the Climate in 2015*.

#### **World Humanitarian Summit (WHS)**

**URL:** [www.worldhumanitariansummit.org](http://www.worldhumanitariansummit.org)

**Description:** *An initiative of UN Secretary-General Ban Ki-moon, managed by UN Office for the Coordination of Humanitarian Affairs (OCHA), the first World Humanitarian Summit will be held in Istanbul*

**Resources:** e-Newsletter *WHS News Monthly Update*, on-line consultation process, blog, scoping papers and key documents library (searchable, multi-lingual).

#### **World Ocean Observatory - Radio**

**URL:** [www.WorldOceanObservatory.org](http://www.WorldOceanObservatory.org)

**Description:** *The WORLD OCEAN OBSERVATORY is a major utility for ocean communication as a means to advance public awareness and political will, dedicated to providing information and education about the health of the ocean. We believe that informed citizens worldwide can unite to sustain the ocean through mitigation and change of human behavior on land and sea. Our focus is the full spectrum of ocean issues: climate, fresh water, food, energy, trade, transportation, public health, finance, governance, security, recreation, and culture. It is our belief that the sea connects all things.*

**Resources:** e-Newsletter *World Ocean Observer* (monthly); newsroom, curriculum, videos, conferences, World Ocean Radio/ *Earth Optimism* series.

#### **World Resources Institute (WRI)**

**URL:** [www.wri.org](http://www.wri.org)

**Description:** *"Making Big Ideas Happen." WRI's mission is to move human society to live in ways that protect Earth's environment and its capacity to provide for the needs and aspirations of current and future generations, organized around six critical goals: climate, energy, food, forests, water, city/ transport.*

**Resources:** e-Newsletter(s), publications (extensive, searchable by topic), career opportunities, Report: *Global Forest Watch (GFW) Water*.

#### **World Seagrass Association (WSA)**

**URL:** [wsa.seagrassonline.org](http://wsa.seagrassonline.org)

**Description:** The World Seagrass Association is a global network of scientists and coastal managers committed to research, protection and management of the world's seagrasses. The association has its genesis in a keynote address by Ronald Phillips at the Third International Seagrass Biology Workshop 1998. Our members come from many countries and include leading scientists in marine and seagrass biology.

**Resources:** membership by professional and student categories; training and information exchange, blog; student travel award fund to attend biennial International Seagrass Biology Workshops (ISBW).

#### **World Tree Carbon Offsets Program (COP)**

**URL:** <http://worldtreecop.com/>

**Description:** *World Tree envisions a future where farmers are appreciated for the significant role they play and people are inspired by their contribution. The World Tree Carbon Offset Program makes it possible for everyone to reverse their impact on the environment and generate wealth for themselves, their families and their communities. World Tree plants the trees across dozens of farms many thousands of miles apart. If anything should happen to one stand of trees, this will not have a big impact on the overall returns to the Partnership. World Tree COP 2016 has also created a contingency fund to deal with any unexpected issues that arise and will replace trees that get damaged. Participating farmers are carefully chosen for their experience in growing Empress Splendor trees and their commitment to the long term success of the program.*

**Resources:** Meetings, reports, Information and program participation offerings via website registration.

#### **World Wildlife Fund (WWF) Environment and Disaster Management Program**

**URL:** <http://enviroadm.org/>

**Description:** World Wildlife Fund (WWF) Environment and Disaster Management (EDM) program collaborates with humanitarian and development agencies, the United Nations (UN), academic institutions and others to integrate environmental considerations into disaster recovery, reconstruction, and risk reduction programs and policies, and to learn and develop new approaches. The program was formed during the aftermath of the Indian Ocean Tsunami, and in the years since we have worked in partnership to provide support, training, and development of new approaches for environmentally responsible disaster management in Belize, Chile, Ecuador, Fiji, Guatemala, Haiti, Indonesia, the Maldives, Nepal, Pakistan, the Philippines, Sri Lanka, and Thailand.

**Resources:** e-Newsletter, resources & materials (topic searchable), videos; *Green Recovery and Reconstruction Toolkit*, training, WWF Environment & Disaster Management Program, events, student internships, environmental specialist available 24/7 to answer questions by e-mail; Flood GAP (Flood Green Approaches in Practice) case studies.

## Y

### Yale Environmental 360 (Yale e360)

**URL:** [e360.yale.edu](http://e360.yale.edu)

**Description:** *Yale Environment 360 is an online magazine offering opinion, analysis, reporting and debate on global environmental issues...original articles by scientists, journalists, environmentalists, academics, policy makers, and business people, as well as multimedia content and a daily digest of major environmental news.* A publication of Yale School of Forestry and Environmental Studies.

**Resources:** e-Newsletter, updates; topic search of resources.

### Yale Forum on Religion and Ecology

**URL:** <http://fore.research.yale.edu>

**Description:** *The Forum on Religion and Ecology is the largest international multireligious project of its kind. With its conferences, publications, and website it is engaged in exploring religious worldviews, texts, ethics, and practices in order to broaden understanding of the complex nature of current environmental concerns. The Forum recognizes that religions need to be in dialogue with other disciplines (e.g., science, economics, education, public policy) in seeking comprehensive solutions to both global and local environmental problems. In collaboration with the ecological sciences, the Forum is helping to identify the ethical dimensions by which the religions of the world can respond to the growing environmental crisis.*

**Resources:** e-Newsletter, job announcements, publications, events.

## Z

### Zero Energy Project

**URL:** <http://zeroenergyproject.org/>

**Description:** *The Zero Energy Project is a non-profit educational organization whose goal is to help home buyers, builders, designers, and real estate professionals take meaningful steps towards radically reducing carbon emissions and energy bills by building zero net energy homes and near zero energy homes. We envision the day when positive energy homes, which produce more energy than they consume, will power electric vehicles as well as homes, so that everyone can live well with less expense and without fear of energy price spikes, while greatly reducing our carbon emissions.*

**Resources:** e-Newsletter, zero energy designers and builders listings, case studies (homes), examples of commercial buildings, model climate action plans and ordinances, blog,

