

The OARS LIST: Organizations Addressing Resilience & Sustainability

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

V.27 • March 1, 2016

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



The OARS LIST of **O**rganizations **A**ddressing **R**esilience and **S**ustainability provides:

Overview of organizations "pulling at the oars" to achieve resilience in U.S. communities and the world.

Word-searchable reference to resources, membership services, grants, and job postings of employment and intern opportunities.

Thousands of references in support of climate-science, emergency management, disaster risk reduction, business and community security and prosperity, public health, and sustainability.

Invitation for your suggestions to improve the value, accuracy, and usefulness of the OARS LIST.

The OARS LIST is impartial and non-partisan. Organization descriptions are cited from web listings, with editorial abbreviations. The OARS LIST may be freely distributed in support of our shared endeavors to be fully and accurately informed with rapidly evolving 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.

Donald Watson, Editor email: EarthRise001@SBCglobal.net

ACKNOWLEDGEMENTS

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

ASAP Association of Adaptation Professionals <https://adaptationprofessionals.org/organizations>

NHMP Natural Hazard Mitigation Association nhma.info

Recovery Diva recoverydiva.com

Redevelopment Institute 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/
- **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
- **Quarantelli Collection at Disaster Research Center, U. Delaware** including **EMForum Archive** accessible for research/scholarship. www.udel.edu/...ResourceCollection

Publications/Webinars by Donald Watson - www.DonaldWatson.com

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

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

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



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.

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American Geophysical Union (AGU)
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American Military University (AMU)
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American Solar Energy Society (ASES)
American Water Works Association (AWWA)
Architecture 2030
Architecture for Humanity
AskNature.com
ACSE-SEI Sustainability Committee (Amer. Society of Structural Engineers - Structural Engineers Institute)
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
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)
Canadian Institute for Catastrophic Loss Reduction (ICLR)
Carbon Brief
Carbon Dioxide Information Analysis Center (CDIAC)
Carbon Disclosure Project (CDP)
Caribbean Disaster Mitigation Project (CDMP OAS)
Center for American Progress (CAP)
Center for Biological Diversity
Center for Clean Air Policy (CCAP)

Center for Climate Change Communication - George Mason University
 Center for Climate Change Impacts Adaptation & Modeling (Portugal)
 Center for Climate Strategies (CCS)
 Center for Disaster Philanthropy (CDP)
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 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)
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 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
 Centre for Research on the Epidemiology of Disasters (CRED)
 Ceres
 CITI IO
 Citizen Engagement Laboratory (CEL) Climate Lab
 Citizens' Institute of Rural Design (CIRD)
 Citizen Science Academy
 Clean Coalition
 Clean Energy Group (CEG)
 Clean Water Action
 Climate Access
 Climate Adaptation Knowledge Exchange (CAKE) *see* EcoAdapt
 Climate and Clean Air Coalition
 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 Focus
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 Climate Impacts Research Consortium (CIRC)
 Climate Justice Initiative – NAACP
 Climate Law Institute - *see* Center for Biological Diversity
 Climate Mobilization – *see* The Climate Mobilization
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 Climate Reality Project
 Climate Risk Management Journal
 Climate Smart Communities – New York State NYSERDA / NY DEC
 Climate Solutions
 Climate Solutions University - *see* Model Forest Policy Program
[Climate Strategies](#)
 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)

Commission for Environmental Cooperation (CEC)
Community Commons
Community Matters – *also see* Orton Family Foundation
Community & Regional Resilience Institute (CARRI)
Connecticut Institute for Resilience and Climate Adaptation (CIRCA) – Univ. of Connecticut
Consensus Institute – The Green Dot Project
CoreLogic, Inc.
Council of Energy Research and Education Leaders (CEREL) – NCSE
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 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 Safety Movement / Risk Mitigation Leadership Forum
Dutch Dialogues

EarthStat
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)
EONET: The Earth Observatory Natural Event Tracker – *see* NASA Earth Observatory
EPA Climate Change
EPA Coastal Adaptation Toolkit
European Sustainable Cities Platform
Extreme Events Institute - Florida International University
Eye on Earth Alliance

FE2W Network Food Energy Environment Water

Federal Alliance for Safe Homes (FLASH)
Federal Emergency Management Administration (FEMA) – see U.S. FEMA
FEMA National Advisory Council – see National Advisory Council
FierceGovernment Homeland Security
Floodsmart.gov
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)
Friends Committee on National Legislation (FCNL)
Full –Spectrum Risk Knowledgebase (FEMA)

Garrison Institute Climate, Mind, Behavior Program
Georgetown Climate Center (Adaptation Clearinghouse)
GEOS Institute
Global Catastrophic Risk Institute (GCRI)
Global Change Master Directory (GCMD) - NASA
GlobalChange.gov see U.S. Global Change Research Program
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 USA
Global Resilience Initiatives (GRI)
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
Green Building Initiative
Green Infrastructure Center (GIC)
Guardian Cities

Homeland Security Digital Library (HSDL)
Homeland Security Affairs
Homeland Security Watch
Hyogo Framework for Action – see United Nations Office for Disaster Risk Reduction (UNISDR)

ICLEI USA - see Local Governments for Sustainability
Infrastructure and Climate Network
Infrastructure Security Partnership (TISP)
Initiative for a Competitive Inner City (ICIC)
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 Sustainable Communities (ISC)
Insurance Institute for Business & Home Safety (IBHS)
Intergovernmental Panel on Climate Change (IPCC - UNEP)

Intergovernmental Sustainable Development Agenda (ISDA)
International Association for Urban Climate
International Association of Emergency Managers (IAEM)
International Disaster and Risk Conference (IDRC)
International Disaster Conference & Expo (IDCE)
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 Union of Forest Research Organizations (IUFRO) – FLARE Conference

Journal of Homeland Security and Emergency Management (JHSEM)
Just in Time Training Library – See Disaster Resistant Communities Group

Kresge Foundation – Environmental Program

Lawrence Berkeley National Laboratory
Lincoln Institute of Land Policy
Living Building Challenge Collaboratives – Ambassador Network
Living Cities
Local Futures / SEC
Local Governments for Sustainability USA (ICLEI USA)
Local Government Commission (LGV)

MacArthur Foundation
MCEER: Earthquake Engineering to Extreme Events University at Buffalo SUNY
MIT Climate CoLab – Massachusetts Institute of Technology
MitigationMovement
Model Forestry 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 Environmental Information (NOAA) – Climate at a Glance
National Climate Assessment - U.S. Global Change Research Program
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 Drought Mitigation Center
National Ecosystem Services Partnership - Federal Resource Management /Ecosystem Services
National Emergency Management Association (NEMA)
National Flood Determination Association

National Institute of Building Sciences (NIBS)
 National Institute of Standards and Technology (NIST)
 National League of Cities (NLC)
 National Main Street Center (NMSC) - National Trust for Historic Preservation
 National Mitigation Alliance (NEMA NMA)
 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 Storm Smart Coasts Network
 National VOAD (Voluntary Organizations Active in Disaster)
 Nationally Appropriate Mitigation Action (NAMA)
 Natural Capitalism Solutions
 Natural Floodplain Functions Alliance (NFFA)
 Natural Hazards Center Univ. Colorado at Boulder
 Natural Hazards Journal
 Natural Hazard Mitigation Association (NHMA)
 Natural Resources Defense Council (NRDC) – Urban Solutions
 Natural Step (TNS) – *see* The Natural Step
 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)
 Nexus Dialogue on Water Infrastructure Solutions
 NGO Sustainability, Inc.
 NOAA National Sea Grant Resilience Toolkits
 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
 Organization for Economic Cooperation and Development (OECD)
 Orton Family Foundation – Heart and Soul

Partnership for Action on Green Economy (PACE) - UNEP
 Partnership for Environment and Disaster Risk Reduction (PEDRR)
 Passive and Low Energy Architecture (PLEA)
 Pew Charitable Trusts Environmental Initiatives

Planetary Boundaries Initiative (PBI)
 Post Carbon Institute
 Powerhouse Growers
 Prepare My Business
 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)

Rate It Green
 Ready.gov.v
 Recovery Diva
 Redevelopment Institute
 ResEcon: Land and Resource Economics Network
 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
 Resilient America – *see* National Academies Resilient America Roundtable
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 Resources for the Future (RFF)
 Restore America’s Estuaries (RAE)
 Restore Your Economy
 Risky Business Project
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 Rockefeller Foundation - 100 Resilient Cities Centennial Challenge
 Rural Resilience Initiative (R4)

Science Without Borders - NY Academy of Sciences
 Second Nature Education for Sustainability
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 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)
 Species Alliance
 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
 The Climate Mobilization (TCM)
 The Green Dot Project – *see* Consensus Institute
 The Infrastructure Security Partnership (TISP) - *see* Infrastructure Security Partnership
 The Natural Step (TNS)
[The Sustainability Consortium \(TSC\)](#)
 Thomas Reuters Foundation
 Thriving Resilient Communities Collaboratory (TRCC)
 Transition USA (network)
 2030 Districts – *see* Architecture 2030

Union of Concerned Scientists
 United Nations Environment Programme (UNEP)
 United Nations Foundation
 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)
 U.S. Conference of Mayors (USCM)
 U.S. Climate Resilience Toolkit
 U.S. Energy Information Agency
 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 (HSS) 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

Water Environment Research Foundation (WERF)
 Water Footprint Network
 Waterkeeper Alliance

WeADAPT**Weather and Climate Extremes Journal****Wetlands International****Wheaton College – Humanitarian Disaster Institute (HDI)****Wildlife Conservation Society – Climate Adaptation Fund****Winrock International****World Business Council For Sustainable Development (WBCSD)****World Cares Center (WCC)****World Cities Network.ORG****World Humanitarian Summit****World Meteorological Organization (WMO)****World Resources Institute (WRI)****World Wildlife Fund (WWF)****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).

Adaptation Clearinghouse – see Georgetown Climate Center**Adaptation International, Inc.****URL:** 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.

All Hazards Consortium (AHC) – Emergency Network**URL:** 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 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 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 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/

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, (in cooperation with ASFP, 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

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

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, eLearning.

Architecture 2030

URL: 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.

Architecture for Humanity

URL: architectureforhumanity.org

Description: *Architecture for Humanity is a 501(c)3 non-profit, that has been building a better future through the power of design for the past 15 years, addressing global humanitarian challenges with architectural solutions, including disaster reconstruction, community resilience, We ensure community involvement in the design process. We advocate for design innovation. We train and empower architects to support communities. We apply professional advising. We engage our global network of professionals. We provide architecture, planning and project management services including construction management and post-occupancy analysis, and facilitate community engagement throughout each project. At the core of our mission, we believe everyone deserves access to the benefits of good design.*

Resources: e-Newsletter, jog and volunteer opportunities, chapter network, blog.

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

URL: 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).

AskNature.com

URL: 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* (in formation)

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

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

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

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

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

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 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 Human 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

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

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

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.*

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

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

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

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

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/

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*.

Canadian Institute for Catastrophic Loss Reduction (ICLR)

URL: 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

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 publish a daily and weekly e-newsletter*

Resources: e-Newsletters(s) *The Carbon Brief* (daily, weekly); issue analysis summaries links.

Carbon Dioxide Information Analysis Center (CDIAC)

URL: 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.

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

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/

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.

Center for Climate Change Communication – George Mason University

URL: 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 Strategies (CCS)

URL: 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 Issues & Insights*; events, webinars, ,

Center for Disease Control Foundation (CDC)

URL: 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

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

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

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

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

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: Research summaries, news briefs, academic programs; “Beyond the Basics: Best Practices in Local Mitigation Planning.”

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, “CredCrunch” summaries, “Disasters in Numbers.”

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, (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

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' 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

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.

Clean Energy Group (CEG)**URL:** 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

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

URL: www.ccacoalition.org; also:

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 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.

Climate Change News Digest

URL: 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>

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/

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 CO₂ concentrations, and precipitation.*

Resources: e-Newletter, publications searchable by author, topic, Post-doctoral research, related position job postings, news.

Climate Focus

URL: 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

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

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

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

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 Reality Project

URL: <http://climaterealityproject.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: Education and training programs, videos, blog, reports, conferences (international).

Climate Risk Management Journal

URL: 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 NYSERDA / 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

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.

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

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

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

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

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

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

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).

Commission for Environmental Cooperation (CEC) – North America

URL: 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 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

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 & Regional Resilience Institute (CARRI)

URL: 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).

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.

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

CoreLogic, Inc.

URL: 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,*

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

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/climateneu • 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**Description:** *This website 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, 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 Conferences****URL:** 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****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.**URL:** <http://www.disasterrecoveryplantemplate.org/>

Disaster Research Center**URL:** 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

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 Safety Movement / Risk Mitigation Leadership Forum**URL:** 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.*

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.

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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 a 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 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

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/

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

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

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

Ecosystem Services Partnership (ESP)

URL: 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

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

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

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: o 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 raining 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

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

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-Newsletter, 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

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.

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.*

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.

Extreme Events Institute - Florida International University

URL: 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

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.

FierceGovernment Homeland Security

URL: 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.

Floodsmart.gov

URL: 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 Earth Foundation

URL: 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, search able by topic), Job and volunteer postings.

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.

Friends Committee on National Legislation (FCNL)

URL: 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:

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.*

G

Garrison Institute Climate, Mind, Behavior Program

URL: 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

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

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.

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

URL: [newclimateeconomy](http://newclimateeconomy.org)

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 which 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."

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

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 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 Resilience Initiatives (GRI)

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), resources, videos, photo archive, webinars, health infrastructure, management, public safety, urban planning; jobs.

Government Technology Solutions for State and Local Government

URL: 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-Newsletter.

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-letter Planet Blue (monthly), decision tools, publications, resources by sector: urban, agriculture, ecosystem, water

GreenBuilder Media

URL: 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.*

Green Building Initiative

URL: 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 Infrastructure Center (GIC)

URL: 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

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 21st Century

Resources: Event updates.

H

Homeland Security Affairs

URL: 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

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.*

☛ Resource library searchable by via open source website (some are restricted subject to authentication); training, events, grant listings (extensive).

Homeland Security 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: Extensive database searchable by topic listings. Contributions invited to blog post and newsworthy citations.

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.

Infrastructure Security Partnership (TISP)

URL: www.tisp.org

Description: *Mission: "To create a collaborative and coordinated environment that will enable secure and resilient infrastructure, raise awareness and support the nation's economy and the well-being of its people ... whose collective purpose is related to the security and resiliency of the nation's built environment." TISP membership includes local, regional, state, federal and foreign agencies; professional associations and*

industry trade groups; engineering, architecture and construction firms; codes and standards organizations; educational institutions and universities; planners and economic developers; infrastructure owners and operators; manufacturers; and service providers, whose collective purpose is related to the security and resiliency of the nation's built environment. The Society of American Military Engineers (SAME) serves as the Secretariat of TISP.

Resources: Annual symposium, other resources.

Initiative for a Competitive Inner City (ICIC)

URL: 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.

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

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/~icdrm

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/GWU Emergency Management Glossary of Terms (2009).

Institute for Defense and Government Advancement (IDGA)

URL: 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, Letalier-Moffit Human Rights Awards.

Institute for Sustainable Communities (ISC)

URL: 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.

Insurance Institute for Business & Home Safety (IBHS)

URL: 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).

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/

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 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 Federation of Red Cross and Red Crescent Societies

URL: [www.ifrc.org/conttingency planning](http://www.ifrc.org/conttingency%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

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), moderated list-serve postings.

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

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 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.

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

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

Lawrence Berkeley National Laboratory (LBNL)

URL: 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.lincolninst.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

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

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.

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

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

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.

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

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

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

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 Program - Sustainable Forests for Water and Climate Protection

URL: 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.*

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

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; 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

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

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 Organizations (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

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

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/

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

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

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 Council for Science and Environment (NCSE)

URL: 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/

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: <https://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 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: www.nemaweb.org

Description:

Resources: *Guidebook and Assessment Framework:* 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.

National Emergency Management Association (NEMA)

URL: 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 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 Institute of Building Sciences (NIBS)

URL: 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

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 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

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

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 Oceanic and Atmospheric Administration (NOAA)

URL: <http://www.noaa.gov/> • also 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**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/**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 Storm Smart Coasts Network****URL:** 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 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.**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).

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**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 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**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 Hazard 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 Defense Council (NDRC) – 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 Communications

URL: 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; 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

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

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**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

Nexus Dialogue on Water Infrastructure Solutions**URL:** 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 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>

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

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

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

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

P

Partnership for Action on Green Economy (PAGE) – UNEP

URL: <http://www.unep.org/greeneconomy/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. In its simplest expression, a green economy can be thought of as one which 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 waster, resource efficiency, environment under review.

Partnership for Environment and Disaster Risk Reduction (PEDRR)

URL: 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.

Passive and Low Energy Architecture (PLEA)

URL: [Passive and Low Energy Architecture \(PLEA\)](http://www.plea-architecture.org)

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**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]**Powerhouse Growers****URL:** 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**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.**PreventionWeb – United Nations (UNISDR)****URL:** 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 CO2.*

Resources: events “learning series,” employment (internal job postings); Fellows program, coalition to engage advisory, volunteer, contributor roles.

Property Casualty360

URL: 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: *PLOS 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

Rate It Green

URL: 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

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.

Recovery Diva

URL: 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.RedevlopmentInstitute.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.

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.*

Resilient Communities for America (RC4A)

URL: 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 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

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

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

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.

Risk Management Solutions

URL: 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)[®] 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.

Rockefeller Foundation – 100 Resilient Cities Centennial Challenge (100 RC)

URL: 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.

Rural Resilience Initiative (R4)

URL: 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

Scientists Without Borders

URL: <http://www.nyas.org/>

Description: *Scientists Without BordersSM 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.

Second Nature Education for Sustainability

URL: 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: Extensive publications, topic searchable archive, programs, annual Climate Leadership Awards, Climate Leadership Summit, Renewables Global Status Report.

Security and Sustainability Forum

URL: 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

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

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

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. We are making America's neighborhoods great together.

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

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: By qualified professional membership (various levels); meetings, training, publications, awards and recognition, contract opportunity postings.

Society for Ecological Restoration

URL: 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)

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.

URL: <http://www.sbse.org/>

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-Flood (Europe)

URL: 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/

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

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

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

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

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 Mobilization (TCM)

URL: 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 Natural Step (TNS)

URL: 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

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 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

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

Union of Concerned Scientists

URL: <http://www.ucsus.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 Institute for Training and Research (UNITAR)

URL: 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

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.*

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](http://usdn.org/public/about-us)

Description: *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)

URL: <http://www.usace.army.mil>

Description: *The U.S. Army Corps of Engineers has approximately 37,000 dedicated Civilians and Soldiers delivering engineering services to customers in more than 130 countries worldwide. With environmental sustainability as a guiding principle, our disciplined Corps team is working diligently to strengthen our Nation's security by building and maintaining America's infrastructure...devising hurricane and storm damage reduction infrastructure, we are reducing risks from disasters. Our men and women are protecting and restoring the Nation's environment including critical efforts in the Everglades, the Louisiana coast, and along many of our Nation's major waterways. The Corps is also cleaning sites contaminated with hazardous, toxic or radioactive waste and material in an effort to sustain the environment.*

Resources: extensive library, topic searchable; small business contracts; career opportunities.

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.

U.S. Conference of Mayors (USCM)

URL: 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.*

U.S. Energy Information Agency

URL: 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.*

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 • 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/stratigic

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/

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/

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

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.org

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 others in 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

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.*

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-](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

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

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.

W

Water Environment Research Foundation (WERF)

URL: 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

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

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

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

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

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

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.

World Business Council For Sustainable Development (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)*.

URL: www.wbcsd

World Cares Center (WCC)

URL: 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 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.

World Humanitarian Summit (WHS)

URL: 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 May 2016 and will bring together governments, humanitarian organizations, people affected by humanitarian crises and new partners including the private sector to propose solutions to our most pressing challenges and set an agenda to keep humanitarian action fit for the future. Shared inputs and solutions to our most pressing humanitarian challenges. Themes: Managing humanitarian effectiveness,*

reducing vulnerability and managing risk, transformation through innovation, serving the needs of people in conflict.

Resources: e-Newsletter *WHS News Monthly Update*, on-line consultation process, blog, scoping papers and key documents library (searchable, multi-lingual).

World Resources Institute (WRI)

URL: 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,

World Wildlife Fund (WWF)

URL: <http://www.worldwildlife.org>

Description: *The world's leading conservation organization, WWF works in 100 countries and is supported by 1.2 million members in the United States and close to 5 million globally. WWF's way of working combines global reach with a foundation in science, involves action at every level from local to global, and ensures the delivery of innovative solutions that meet the needs of both people and nature.*

Resources: e-Newsletter, updates; topic search of resources.

Y

Yale Environmental 360 (Yale e360)

URL: 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.

