

Introduction to the Natural Hazard Mitigation Association (NHMA)

Erin Capps, JD

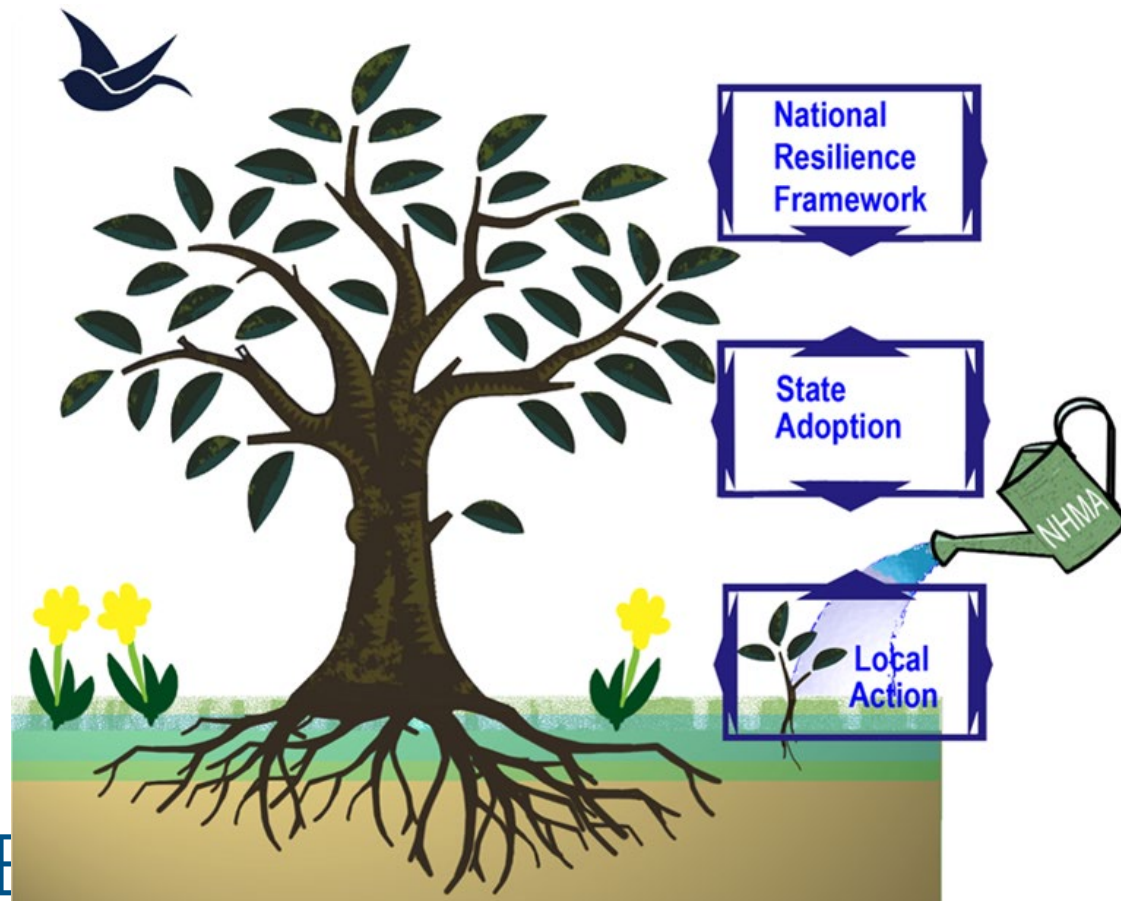
President, NHMA

Atkins North America



DISASTER
RISK REDUCTION
Ambassador Curriculum

NHMA



Created in 2008 to bring together individuals and organizations interested in

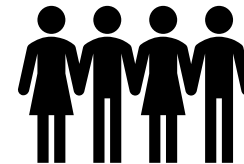
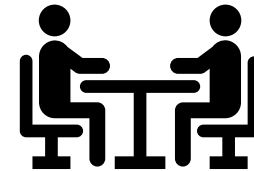
- Hazard Mitigation
- Climate Adaptation



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NHMA is a Cooperating Technical Partner (CTP) with FEMA

- CTP Partners since 2014
- Informed and effective grassroots
- Community participation
- Innovative partnerships
- Credentialing



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NHMA Local Initiative: Disaster Risk Reduction (DRR) Ambassador Curriculum

- Focuses on supporting community leaders from the private and public sector to engage and lead community-level DRR dialogue by providing:




- Educational resources
- Self-study curricula
- Training workshops (First Pilot 2015)
- Webinars



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DRR Curriculum Webinar Series



DISASTER
RISK REDUCTION
Ambassador Curriculum

- **National Mitigation Investment Strategy**
 - Presented by Jamie Leigh Price, FEMA Mitigation Investment Lead
- **Contact information**

Natural Hazard Mitigation Association
P.O. Box 170984
Boston, MA 02117
www.nhma.info



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National Mitigation Investment Strategy

Jamie Leigh Price | Mitigation Investment Lead



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The Mitigation Framework Leadership Group

Federal policy coordinating structure with state, local, tribal, and territorial representation.



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Investment Strategy Partners

- Catawba County, North Carolina
- Census Bureau
- Cow Creek Band of Umpqua Tribe of Indians
- Daviess County, Kentucky
- Department of Agriculture: Farm Service Agency
- Department of Agriculture: Rural Development
- Department of Defense: Army Security Agency
- Department of Defense: Assistant Secretary of Defense
- Department of Energy
- Department of Health and Human Services: Centers for Disease Control
- Department of Health and Human Services: Assistant Secretary for Preparedness and Response
- Department of Homeland Security: Cybersecurity and Infrastructure Security Agency
- Department of Homeland Security: Federal Emergency Management Agency
- Department of the Interior
- Department of Transportation
- Department of the Treasury
- Environmental Protection Agency
- Florida Office of Insurance Regulation
- General Services Administration
- Government Accountability Office
- National Institute of Standards and Technology
- National Oceanic and Atmospheric
- National Security Council
- North Carolina Department of Agriculture and Customer Services
- Small Business Administration
- Tennessee Department of Environment and Conservation
- US Army Corps of Engineers
- Utah Department of Public Safety
- Wisconsin Department of Health Services



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Investment Strategy Intent

1. Improve collaboration between the federal government and communities, respecting local expertise in mitigation investing



Improve the coordination and effectiveness of mitigation investments.

2. Catalyze private and non-profit sector mitigation investments and innovation across the whole community



3. Make data- and risk-informed decisions that include long-term costs and risks



Mitigation investments are defined as risk management actions taken to avoid, reduce, or transfer risks from natural hazards, including severe weather.



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FEMA Strategic Goals

The National Mitigation Investment Strategy aligns to FEMA’s Strategic Goals 1.1 and 1.2

2018 2022  **Strategic Plan**
Helping People. Together.

FEMA Mission: **Helping people before, during, and after disasters.**



FEMA Vision:
A prepared and resilient Nation.



Investment Strategy Goals

Goal 1

Show How Mitigation Investments Reduce Risk:

Objective: Provide stakeholders with a foundational understanding of how mitigation investment protects what they value.

Goal 2

Coordinate Mitigation Investments to Reduce Risk:

Objective: Foster better understanding of risks (quality risk data) to support investment decisions, assure alignment of programs and incentives toward risk reduction goals, and reduce complexity in access to investment funds.

Goal 3

Make Mitigation Investment Standard Practice:

Objective: Assure that national stakeholders are participating in mitigation activities, especially decisions to enhance building codes and infrastructure (lifeline) standards and the use of financial products that link to mitigation (insurance, cat bonds, resilience bonds).

Guiding Principles

The whole community. All goals and recommendations require collaboration and commitment by the Federal Government, nonfederal partners, and individuals.

Regional and community planning. The whole community should consider regional and community planning for mitigation activities. This includes public and private planning efforts for land use, the environment, infrastructure, transportation, site planning, and urban design.

Nature-based solutions and natural assets. The whole community should consider nature-based solutions, such as green infrastructure⁹, for cost-effectively managing the impacts of natural hazards. These solutions may provide additional environmental, social, and economic benefits.¹⁰ The whole community should also consider protecting natural assets that help with mitigation (for example, wetlands that reduce the impact of waves on coastal land).

Linking risk reduction and financial risk transfer. The whole community should better link risk reduction and financial risk transfer mechanisms for natural hazard-related risks. For example, flood and other forms of hazard insurance accelerate recovery timeframes to reduce loss by transferring financial risks from disasters. Additionally, insurance providers can increase incentives for policy holders to physically reduce a policy holder's risks, and reduce overall damages, suffering, and costs from a disaster.

Changing conditions. Population growth, development, and changing weather conditions will influence mitigation needs and priorities.

Vulnerable populations. The whole community should ensure vulnerable populations are represented during implementation of Investment Strategy recommendations.



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Federal Emergency Management Agency

Goal 1

Show How Mitigation Investments Reduce Risk

- Recommendation 1.1 – Make Mitigation Investments Relevant
- Recommendation 1.2 – Increase Mitigation Investment by Building the Capacity of Communities to Address Their Risks
- Recommendation 1.3 – Use Common Measures to Aid Decision-Making for Mitigation Investment



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Coordinate Mitigation Investments to Reduce Risk

- Recommendation 2.1 – Make Risk Information More Available and Easier to Use
- Recommendation 2.2 – Align Program Requirements and Incentives
- Recommendation 2.3 – Make Funding for Mitigation Investment Easier to Access



Goal 3

Make Mitigation Investment Standard Practice

- Recommendation 3.1 – Encourage Communities to Adopt and Enforce Up-to-Date Building Codes
- Recommendation 3.2 – Strengthen Critical Infrastructure and Lifelines
- Recommendation 3.3 – Use and Expand Financial Products and Approaches to Reduce and Transfer Risk



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Investment Strategy Implementation Team

Share

the intent, value, and results of the Investment Strategy

Integrate

the Strategy into existing doctrine, policies, and programs

Demonstrate

and validate how the Investment Strategy is actionable across the whole community

Measure

the success of the Investment Strategy



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Implementation Team Initiatives 2021

Share

The Share Working Group is developing a mitigation resource portal. Share is also collecting best practices and success stories from across the federal government.

Integrate

The Integrate Working Group is soliciting input on critical challenges from partner organizations, developing procedures for identifying and reviewing alignment opportunities, and will select final alignment projects to focus on for FY21.

Demonstrate

Demonstrate supported the recent publication of the *Wasatch Front Unreinforced Masonry (URM) Strategy*. Demonstrate will also document best practices gleaned from the Wasatch Front Pilot Project, transferability of the process undertaken by the pilot, and identify requirements for the next on-the-ground project.

Measure

Measure is supporting the socialization of the Mitigation Investment Data Lab. Measure is also identifying metrics that can be used to measure disaster suffering or the progress towards implementing the National Mitigation Investment Strategy.



Jamie Leigh Price
Mitigation Investment Lead
Jamie.Price@fema.dhs.gov



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