Agenda

• **Welcome**
  Administrator Pete Gaynor, FEMA

• **State Perspective:**
  Russell Strickland, Maryland Emergency Management Agency

• **BRIC Overview:**
  Camille Crain, FEMA

• **Defining Infrastructure and Resilience:**
  Janan Reilly, FEMA

• **Defining Resilient Communities:**
  Angie Gladwell, FEMA

• **Partnerships:**
  Camille Crain, FEMA
Pete T. Gaynor
FEMA Administrator
State Perspective

Russell Strickland, Maryland Emergency Management Agency
BRIC Engagement Series - State Perspective

Russ Strickland

Executive Director, Maryland Emergency Management Agency
Co-Chair, Resilience Committee, National Emergency Management Association
Maryland - State Perspective

Community-based projects

Partnerships & innovative funding

Vulnerability - new Emergency Management

Garden City Mobile Home Park Project
NEMA - Nationwide Perspective

BRIC - Potential for significant risk reduction

Flexible programs - allow for innovation

Changing nature of threat & hazard

Large-scale infrastructure projects
The mission of the Maryland Emergency Management Agency is to proactively reduce disaster risks and reliably manage consequences through collaborative work with Maryland’s communities and partners.
BRIC Overview

Camille Crain, FEMA
BRIC Background

Disaster Recovery Reform Act (DRRA)
Section 1234

Building Resilient Infrastructure and Communities (BRIC)
BRIC’s Guiding Principles

Guiding Principles

- Support Community Capability & Capacity Building
- Encourage and Enable Innovation
- Promote Partnerships
- Enable Large Infrastructure Projects
- Maintain Flexibility
- Provide Consistency

Supports FEMA’s Strategic Plan

1. Build a Culture of Preparedness
2. Ready the Nation for Catastrophic Disasters
3. Reduce the Complexity of FEMA
What is new and different about BRIC?

Sets Clear Priorities
- Lifelines & infrastructure projects
- Building codes
- Shared responsibility & partnerships
- Innovative projects

Builds Capability
- Capability & capacity-building activities
- In-person non-financial technical assistance
- The Mitigation Action Portfolio – selection of case studies

Increases Flexibility
- Reduces limitations
- Increases caps
- Allows pre-award costs

Streamlines Processes
- New application process through FEMA GO
- Project extensions
- Phased projects
Defining Infrastructure and Resilience

Janan Reilly, FEMA
What is Resilient Infrastructure?

Infrastructure:
Critical physical structures, facilities, and systems that provide support to a community, its population, and economy.
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Critical physical structures, facilities, and systems that provide support to a community, its population, and economy.

Critical:

Critical can be defined by your community. This can be anything that is important to the function of YOUR community.
How Does FEMA Define “Resilience”?

Resilient and Resiliency mean being able to prepare for anticipated hazards, adapt to changing conditions, and withstand and recover rapidly from disruptions.

Rain gardens in Washington, DC

Wildfire community education in CO
How Does FEMA Define “Resilience”? 

Resilient and Resiliency mean able to prepare for anticipated hazards, adapt to changing conditions, and withstand and recover rapidly from disruptions.

- **Prepare** – incorporate changing conditions (environmental, population, development) and analyze community risk
- **Adapt** – implement higher building codes and standards, integrate community plans and leverage best planning practices
- **Withstand** – utilize strong communication networks, maintain access to emergency services, and protect lifelines and essential services
- **Recover** – Build back better with mitigation, codes and standards and creativity
Defining Resilient Communities

Angie Gladwell, FEMA
Investment Strategy Goals

1. Show How Mitigation Investments Reduce Risk

2. Coordinate Mitigation Investments to Reduce Risk

3. Make Mitigation Investment Standard Practice
Investment Strategy Intent

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

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.
Advancing the Investment Strategy

**Goal 1**

*Show How Mitigation Investments Reduce Risk*
- 1.1: Make Mitigation Investments Relevant
- 1.2: Increase Mitigation Investment by Building the Capacity of Communities to Address Their Risks
- 1.3: Use Common Measures to Aid Decision-Making for Mitigation Investment

**Goal 2**

*Coordinate Mitigation Investments to Reduce Risk*
- 2.1: Make Risk Information More Available and Easier to Use
- 2.2: Align Program Requirements and Incentives
- 2.3: Make Funding for Mitigation Investment Easier to Access

**Goal 3**

*Make Mitigation Investment Standard Practice*
- 3.1: Encourage Communities to Adopt and Enforce Up-to-Date Building Codes
- 3.2: Strengthen Critical Infrastructure and Lifelines
- 3.3: Use and Expand Financial Products and Approaches to Reduce and Transfer Risk

The National Mitigation Investment Strategy recommends actions to be more intentional about setting resilience and mitigation investment priorities to benefit the whole community. These actions reflect input and involvement from federal, state, tribal, territorial, and local governments, private organizations, and the public.
How Will We Succeed?

- Find ways to link, leverage, and align what you are already doing to meet these goals.
- Use open-source data formats to facilitate information sharing.
- Look for projects and efforts that can create benefits to multiple stakeholders and funders.
- Bring in new partners to provide new ways of looking at the problem, or proposed solutions.
- Find ways to share efforts that are having significant impacts across large network.
- Use the research community to help answer tough questions.
Partnerships

Camille Crain, FEMA
Partnerships Help Build Resilient Communities

Example partners:
- Federal agencies
- State, local, tribal, and territorial governments
- Private sector
- Non-governmental organizations
Partnership activities are eligible for funding under Capability- and Capacity-Building.
Example Partnership Activities

- Conducting capability gap / partner network analysis
- Providing / attending training on partnerships
- Incorporating private sector / lifelines operators in mitigation planning process
- Developing partner database
- Hosting forum to share best practices / lessons learned
- Attending conferences to support partnership development
BRIC Stakeholder Engagement Sessions

Purpose and Goals

- Educate stakeholders on all aspects of the BRIC policy and program
- Increase awareness and understanding of key BRIC program components
- **BRIC Engagement Sessions** – all about the BRIC program (July 2020)
  - July 15: BRIC and Building Codes
  - July 22: BRIC and Community Lifelines
  - July 29: BRIC and Nature-based Solutions
- **BRIC NOFO Webinars** – will occur after NOFO is released (August - September 2020)
FEMA Resources

Building Resilient Infrastructure and Communities

Sign up for BRIC and HMA Updates:
https://www.fema.gov/hazard-mitigation-assistance

Other Resources:

- Community Lifelines Implementation Toolkit:
  https://www.fema.gov/media-library/assets/documents/177222

- Benefit Cost Analysis (BCA):
  www.fema.gov/benefit-cost-analysis

- Hazard Mitigation Planning:
  https://www.fema.gov/hazard-mitigation-planning

- ISO Mitigation – Building Codes
  https://www.isomitigation.com/bcegs/

https://www.fema.gov/bric

This page provides general information about a new pre-disaster hazard mitigation program.
Thank you!

fema.gov/bric