



Partnering to Advance Resilience and Equity in Disaster Work



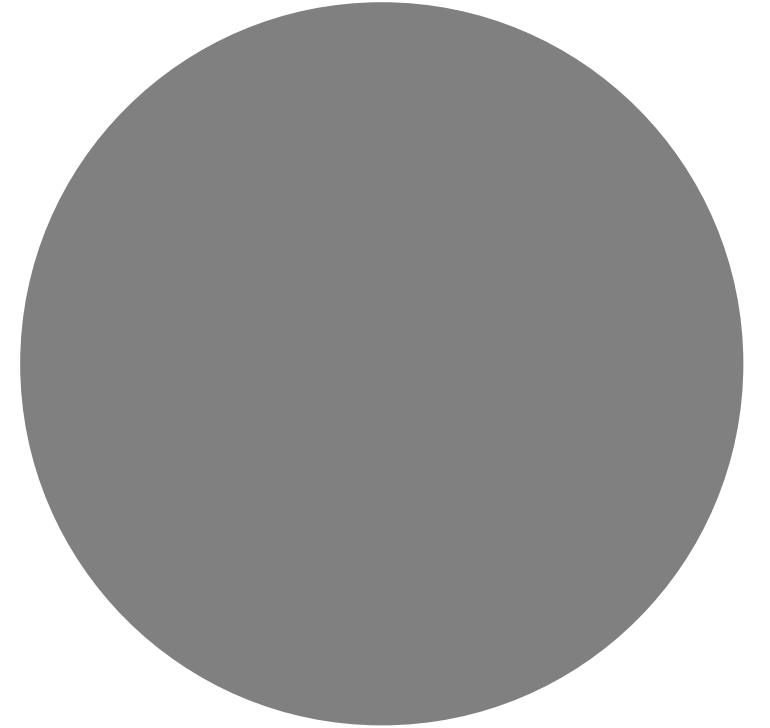
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Outline

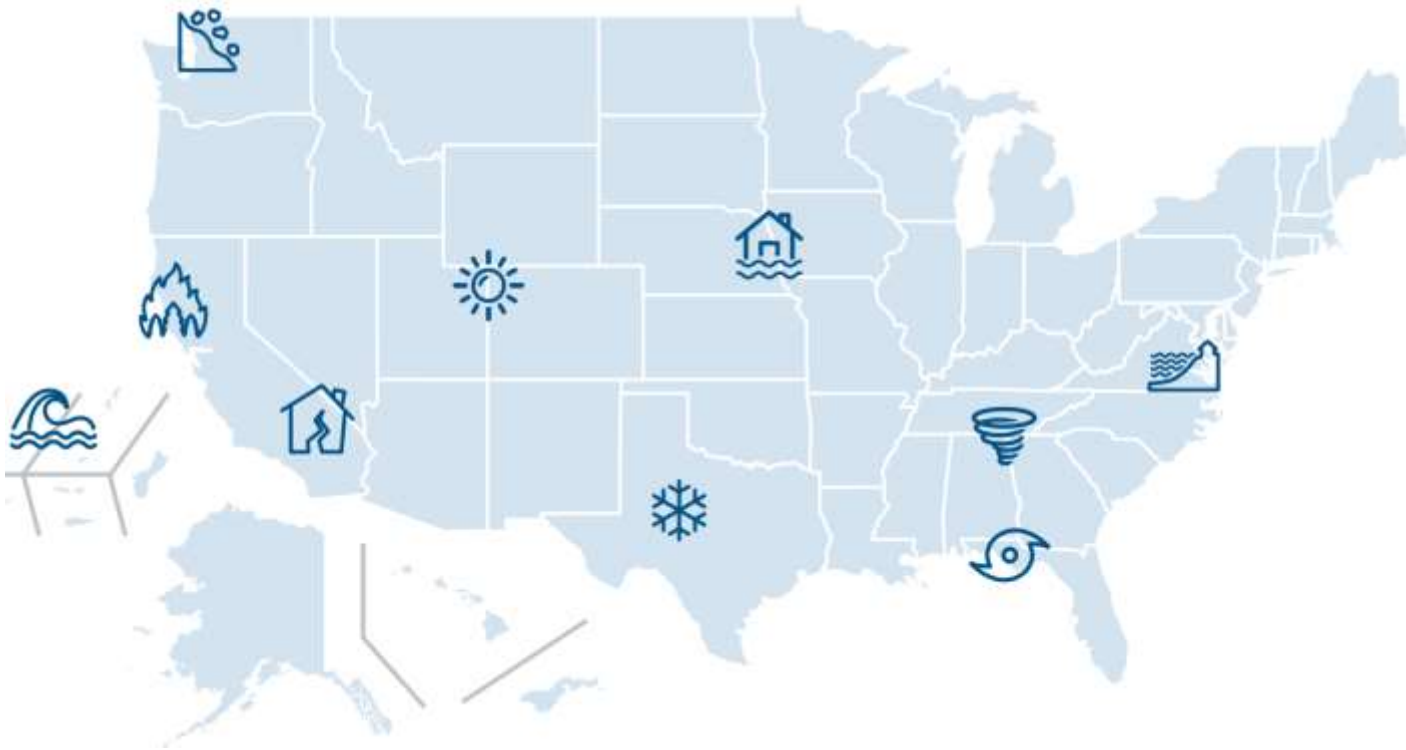
1. New at FEMA
2. Partnership Case Study
3. Resources & Opportunities



What's new in
policy & programs?



Changing Threat Landscape



Bigger Disasters
Greater Impacts
Higher Costs
Less Predictability
Year Round



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Resilience & Equity Developments

- BRIC
- HMGP COVID \$\$\$
- Justice40
- Strategic Plan



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BRIC—Building Resilient Infrastructure and Communities

- Annual competitive mitigation program
- Less reactive disaster spending
- More proactive community resilience investment
- Issued by FEMA's Federal Insurance & Mitigation Administration (FIMA)

Qualitative Evaluation Criteria

1. Risk Reduction/Resiliency Effectiveness
2. Climate Change and Other Future Conditions
3. Implementation Measures
4. Population Impacted
5. Outreach Activities
6. Leveraging Partners



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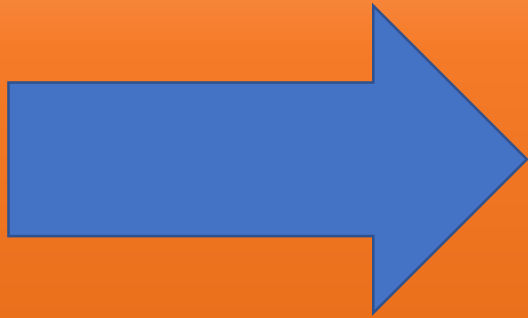
Mid-Atlantic Grantees: BRIC Year One



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COVID HMGP: State OEMs programming now

3.46 billion



- New Jersey: \$148 million
- New York: \$378 million
- Pennsylvania \$63 million
- Maryland \$93 million
- Virginia \$62 million
- Delaware \$6 million
- DC \$17 million



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Is your work fundable?

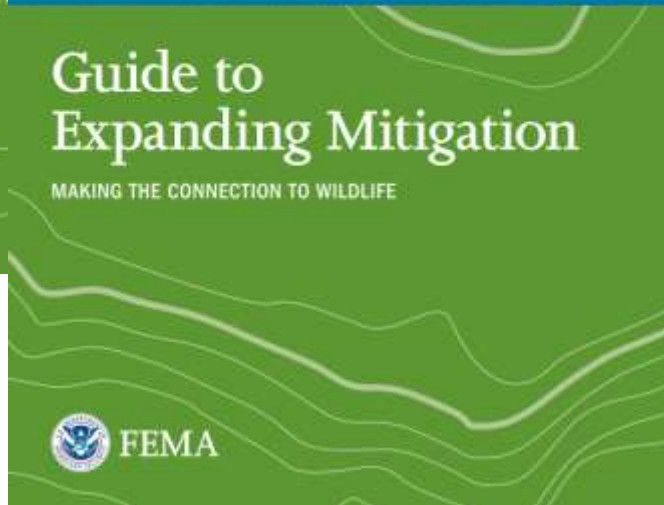
Mitigation Action Portfolio

climate adaptation, **raingardens**, flood control, electrical systems, floodplain restoration, **building code updates**, buyouts, **retrofits**, stormwater infrastructure, environmental restoration, resilience **parks**, green infrastructure, tsunami **communications**, rockfall protection, **microgrids**, studies, plans



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Expanding Mitigation Guides



- Building Codes
- Disability
- Wildlife
- Whole Communities, Cemeteries
- Communications
- Electrical Power
- Municipal Financing, Transportation
- Public Health
- Agriculture
- Arts and Culture
- Equity



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Justice40

- 40 percent of benefits from federal climate investments to go to disadvantaged communities
- Addresses the disproportionate impacts of climate change and pollution on low-income communities and communities of color
- Includes FEMA's Flood Mitigation Assistance and BRIC programs



Where is FEMA headed?

- Equity
- Climate Resilience
- Readiness



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Case Study: Long Island Smart Growth Partnership

The Long Island Smart Growth Partnership

Initial Contributors

- EPA
- FEMA-Community Planning & Capacity Building
- NY Department of State
- Suffolk County Economic Development & Planning Office
- Nassau County Public Works
- MTA

Goals

- Smart growth
- Environmental justice
- Resiliency
- Hazard mitigation
- Use Best Data
- Analyze Health Indicators



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Projects

- Symposium
- Community Viz Training
- Health Impact Assessment
- Resilient Codes Tool
- Community TA
- NYS Policy on Codes
- Ecosystem Services

LI Partnership Projects



EPA/600/R-21/166
September 2021
www.epa.gov/research

Health Impact Assessment (2014-2016) of Proposed Code Changes Regarding Individual Sewerage Systems in Suffolk County, New York



Summary Report of Main Findings and Recommendations

Office of Research and Development
U.S. Environmental Protection Agency



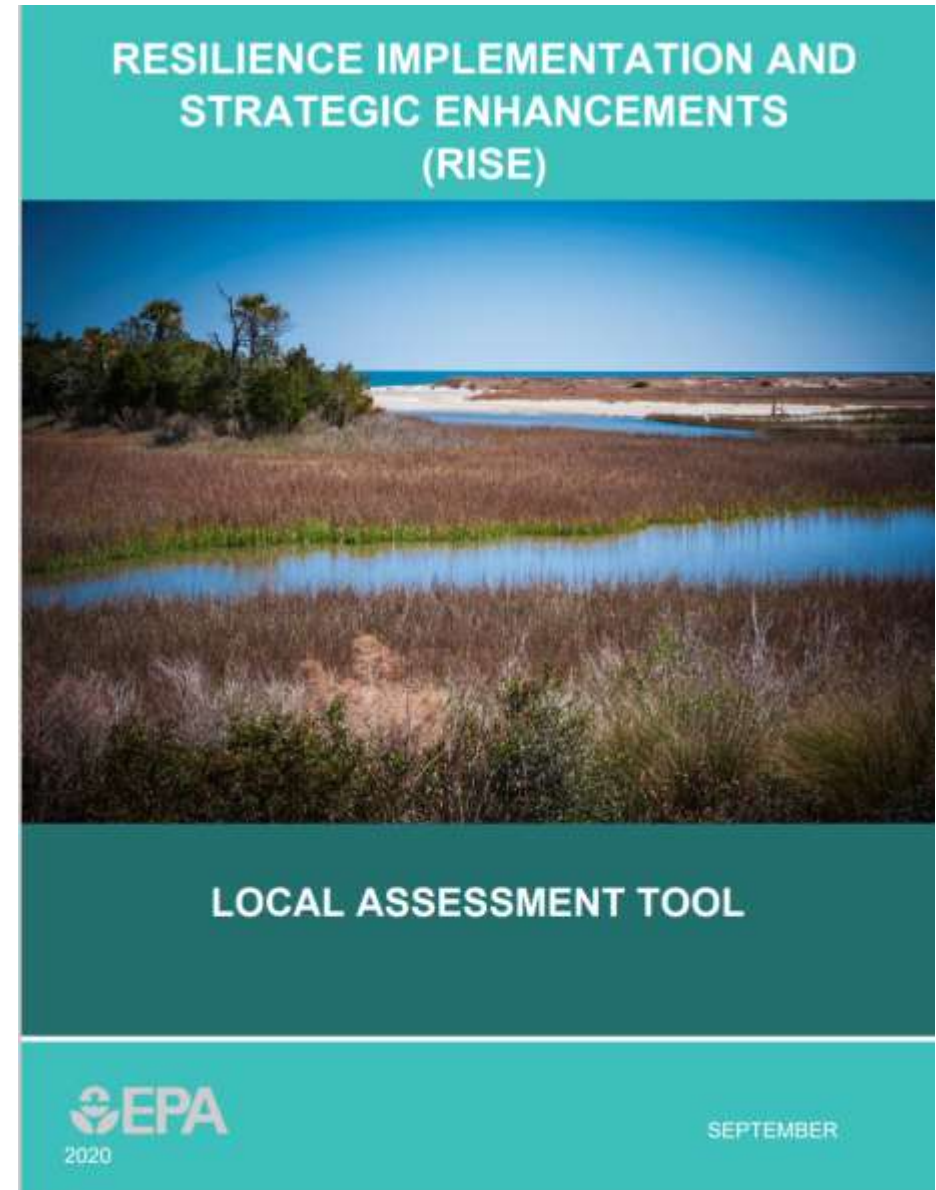
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RISE: Addressing Impediments to Implementing Resilience

- Local land use assessment tool
- Identify barriers to making changes
- Field-tested with coastal and riverine communities
- 250 examples and models from communities who've overcome similar challenges



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RISE Components



Includes

Case Studies

Recommendations

Challenge

Questions

Prioritization

Guidance

Planning Templates



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Lesson: Leverage complementary assets

EPA provided

FEMA provided



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Community
Viz Training

Facilitator

Software

Ecosystem
Services

Research
staff

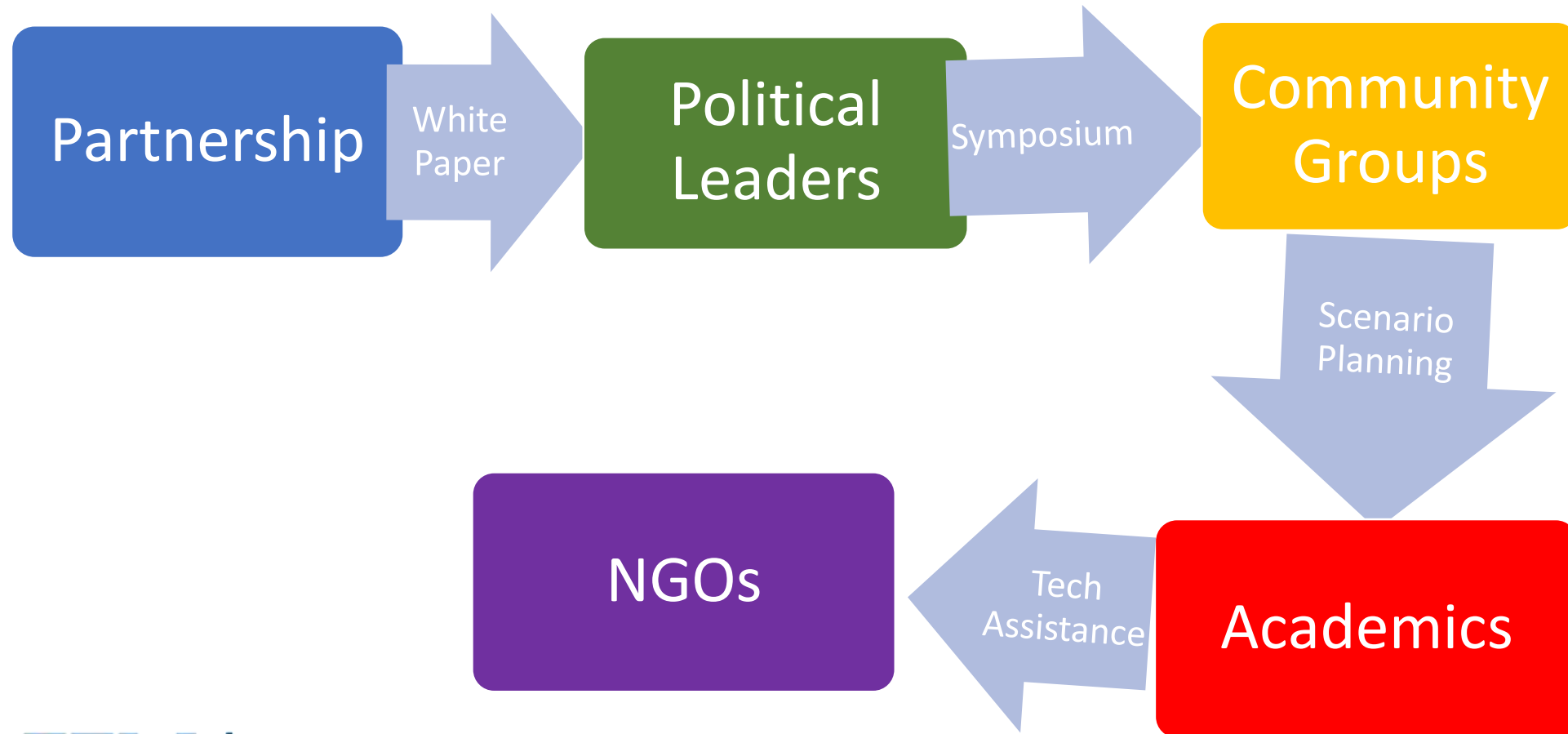
Travel
funds

Resilient
Codes

Contractor

Expertise

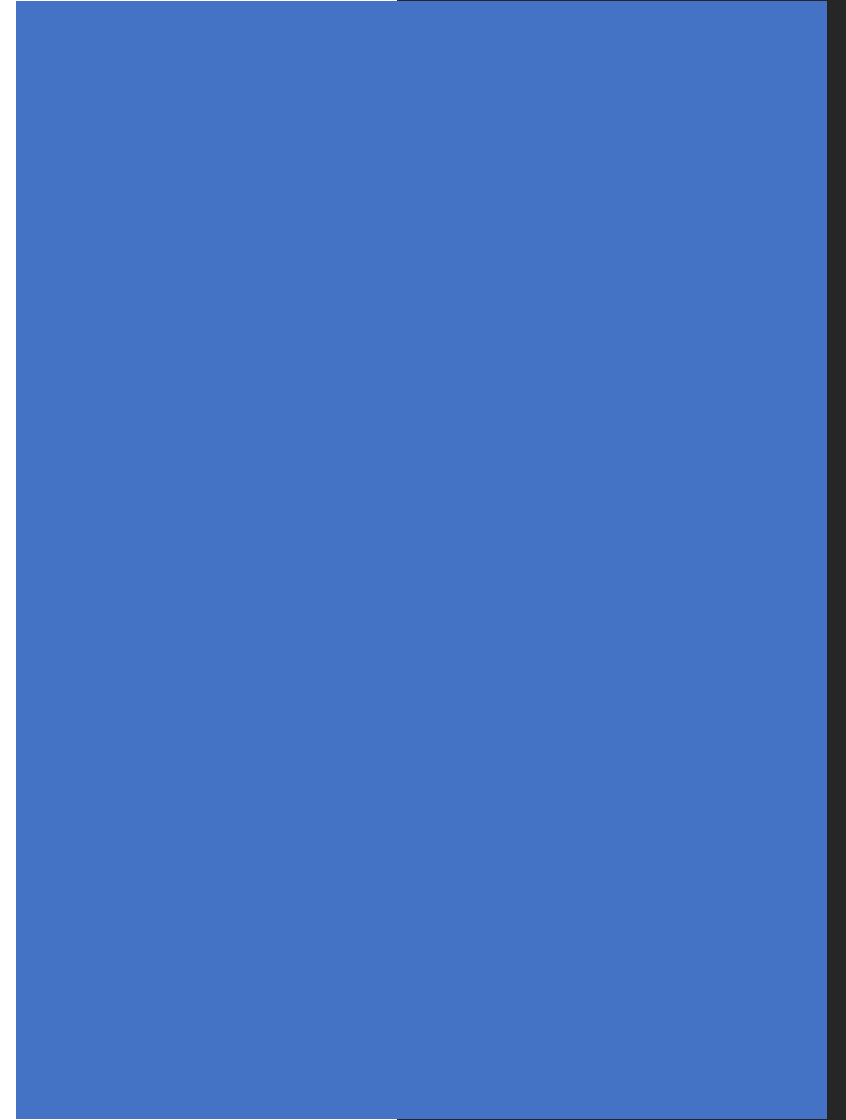
Lesson: Sequence work to rally champions & cultivate partners



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Opportunities and Resources



Partnering in Disaster Recovery

Recovery
Support
Functions
coordination
hubs

Six RSFs

- Housing (HUD)
- Natural & Cultural Resources (DOI)
- Infrastructure Systems (USACE)
- Economic Recovery (EDA)
- Health and Human Services (HSS)
- CPCB (FEMA)



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Other Federal Opportunities

- The \$550 billion Bipartisan Infrastructure Law
- CDBG-DR and MIT funds for Ida recovery (HUD)
- Follow state agencies to find out what programs are emerging from new federal grants and mandates



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Resources

- Building Resilient Infrastructure and Communities—BRIC
- [2021 Building Resilient Infrastructure and Communities and Flood Mitigation Assistance Webinar Series | FEMA.gov](#)
- https://www.fema.gov/sites/default/files/documents/fema_resource-list-bric-grant-program.pdf;
- NFIP, Risk Rating 2.0: Equity in Action [Risk Rating 2.0: Equity in Action | FEMA.gov](#)
- NDRF—Working with Recovery Support Functions
- [National Disaster Recovery Framework, Second Edition \(fema.gov\)](#)
- FEMA's Strategic Plan 2022-26: [2022–2026 FEMA Strategic Plan | FEMA.gov](#)



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Resources

- Guides to Expanded Mitigation

<https://www.fema.gov/about/organization/region-2/guides-expanding-mitigation>;

- Mitigation Action Portfolio

- [Hazard Mitigation Assistance Mitigation Action Portfolio \(fema.gov\)](#)

- Building Community Resilience with Nature-Based Solutions

[Building Community Resilience with Nature-Based Solutions: A Guide for Local Officials \(fema.gov\)](#)

- Promoting Nature-Based Hazard Mitigation Through FEMA Mitigation Grants [Nature's Role in Mitigating Damages from Storms, Wildfires](#)



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