

NATURAL HAZARD MITIGATION PLAN UPDATE 2023

TJPD Commission Update August 2022

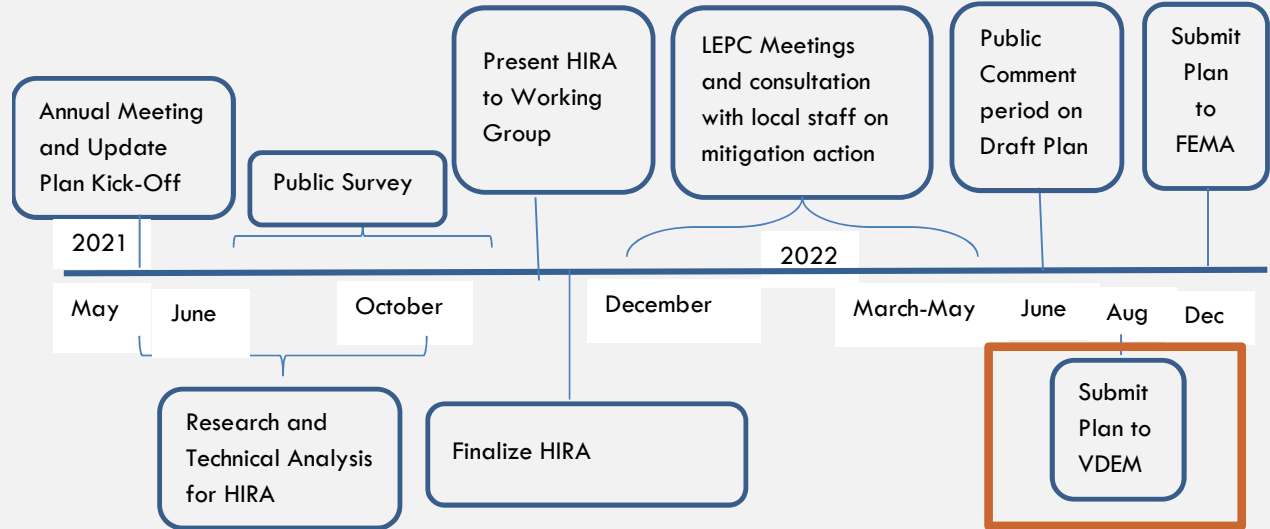
Ian Baxter, TJPD Planner II

NATURAL HAZARD MITIGATION PLANNING

- Purpose: Prepare for natural disasters before they occur
- Incentive: FEMA requires Natural HMPs as a condition for eligibility in certain mitigation grant programs
- Plan includes the following sections:
 1. Planning Process – the process through which the plan was developed, including public input
 2. Community Profile – general information about communities in the planning district
 3. Hazard Identification and Analysis – general information about potential hazards in the planning district, the historic record of hazard events, and the probability of future events
 4. Vulnerability Assessment – analysis of the human impact hazards could cause, with estimated potential losses for various hazard scenarios
 5. Capabilities Assessment – a survey of current local capacity to mitigate natural hazards
 6. Mitigation Strategy – goals, objectives, and action items selected to mitigate hazards identified in the region

TIMELINE

The following timeline depicts the major points along the process of the plan update:



BOARD PRESENTATIONS

TJPDC staff presented to all governing boards in the planning district to solicit questions, encourage public comment to each locality's residents, and map out next steps

Presentations:

- May: Town of Mineral
- June: Charlottesville, Albemarle, Nelson, Greene, Fluvanna, Town of Scottsville
- July: Town of Louisa, Louisa County

NEXT STEPS

- Await VDEM response (incorporate comments)
- Submit to FEMA
- Work towards formal adoption by all localities

GRANT INFORMATION

- VDEM is planning for upcoming Hazard Mitigation Assistance funding opportunities, and webinars will be held August 2022 covering the following mitigation grant programs:
 - Flood Mitigation Assistance (FMA)
 - Hazard Mitigation Grant Program (HMGP)
 - Building Resilient Infrastructure and Communities (BRIC)

Hazard Mitigation Grant Opportunities

Hazard Mitigation Grant Program (HMGP) (FY22)

What is it?

The HMGP assists States, Tribes, and local communities in implementing long-term hazard mitigation measures following a major disaster declaration.

Who is eligible?

State and local governments, private nonprofit organizations and institutions, Indian Tribes and authorized Tribal organizations, and Alaska native villages and organizations, Individuals and businesses may not apply directly to the State or FEMA, but eligible local governments or private nonprofit organizations may apply to benefit the private entity – AFTER a major disaster declaration.

What types of activities can be funded?

The HMGP can be used to fund projects to protect either public or private property, as long as the project fits within State and local government mitigation strategies to address areas of risk and complies with HMGP guidelines.

Examples of projects include:

- Acquiring and relocating structures from hazard-prone areas
- Retrofitting structures to protect them from floods, high winds, earthquakes, or other natural hazards
- Constructing certain types of minor and localized flood control projects
- Constructing safe rooms inside schools or other buildings in tornado-prone areas

What is the cost?

- 75% federal match
- 25% state/local match

What is the timeline?

TBD – depends on how much money has been spent from initial disaster disbursement and VDEM timeline

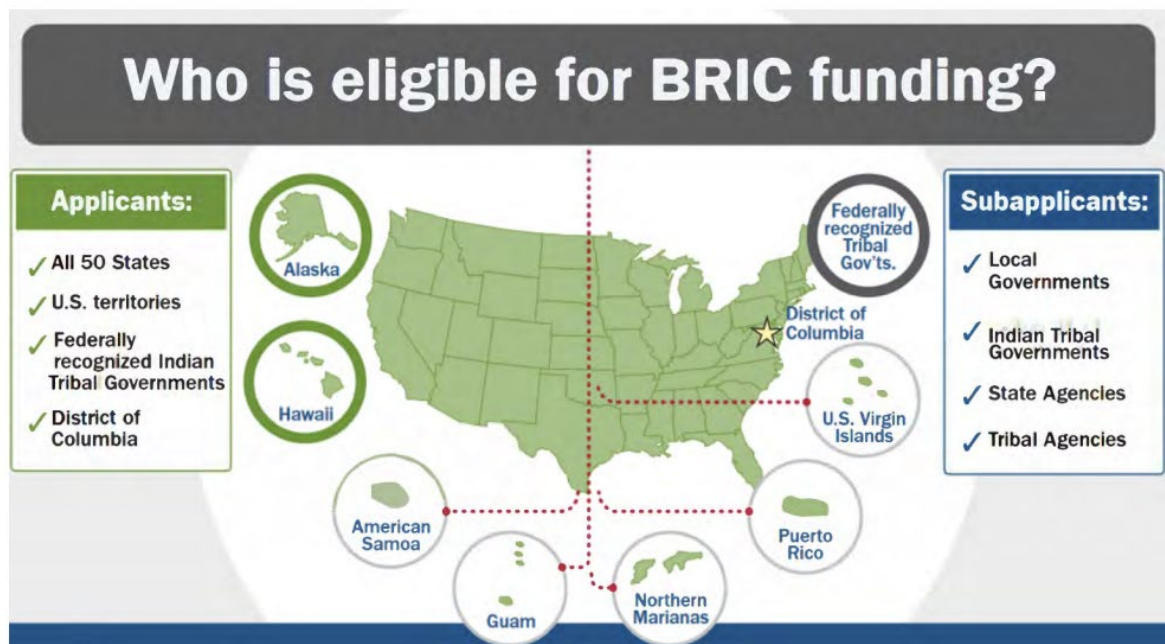
Building Resilient Infrastructure and Communities (BRIC) ***(FY22)***

What is it?

BRIC grants support states, local communities, tribes, and territories as they undertake hazard mitigation projects, reducing the risks they face from natural hazards. BRIC is a FEMA pre-disaster hazard mitigation program that has replaced the previously-existing Pre-Disaster Mitigation (PDM) program.

Two-tiered grant program: subapplicants apply to VDEM or to FEMA as part of national competition of hazard mitigation projects. Around \$1 billion is made available annually.

Who is eligible?



- Local governments, including cities, townships, counties, special district governments, state agencies, and federally recognized tribal governments (who choose to apply as subapplicants) are considered subapplicants and must submit subapplications to their state/territory/tribal applicant agency.
- Subapplicants must have a FEMA-approved Local or Tribal Hazard Mitigation Plan by the application deadline and at the time of obligation of grant funds for mitigation projects and Capability and Capacity-building activities (with the exception of mitigation planning).

What types of activities can be funded?

- **Capability- and Capacity-Building Activities:** Enhance the knowledge, skills, and expertise of the current workforce to expand or improve the administration of mitigation assistance. Subcategories of projects include project scoping, building code, partnership, and hazard mitigation planning activities.
- **Mitigation Projects:** Cost-effective projects designed to increase resilience and public safety; reduce injuries and loss of life; and reduce damage and destruction to property, critical services, facilities, and infrastructure.
- **Wildfire and Wind Retrofit Projects**
- **Nature-Based Infrastructure Projects**
- **Nature-Based Flood Protection Projects**
- **Technical Assistance Projects**
- **Earthquake Early Warning System Projects**

Projects must:

- be cost-effective (according to FEMA's Benefit-Cost Analysis requirements);
- decrease risk and impacts of future potential natural hazards;
- meet the 2015 or 2018 International Building Codes;
- be consistent with the applicant's FEMA-approved hazard mitigation plans; and
- satisfy historic preservation and environmental compliance requirements.

What is the cost?

- 75% federal match
- 25% state/local match

What is the timeline?

FY22 pre-applications due to VDEM on November 10, 2022. After a pre-application is reviewed for eligibility and processed by VDEM, applicant will complete more detailed project application with scope of work, cost, etc.

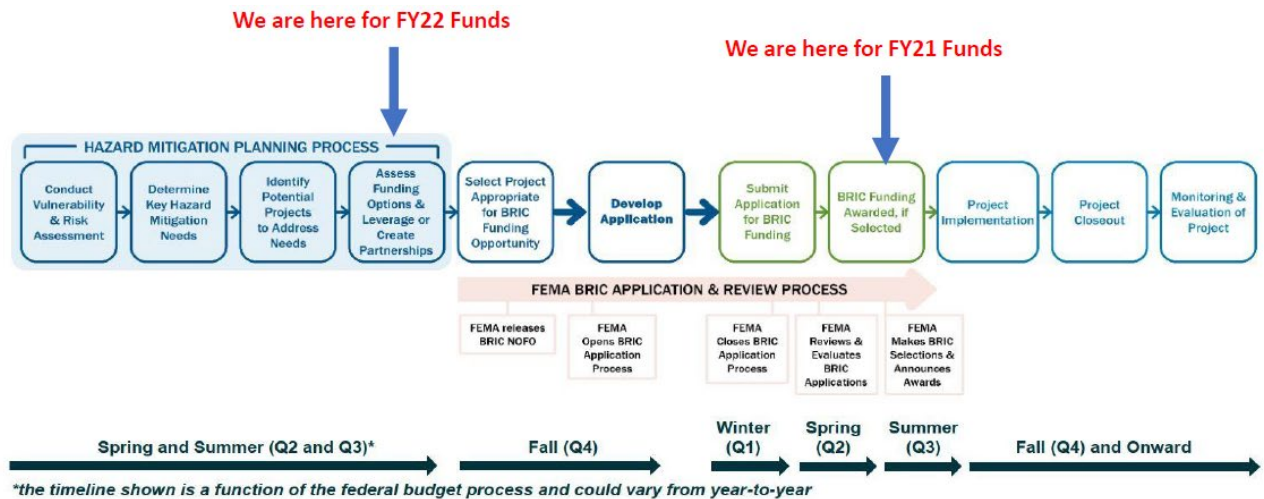


Figure 3. BRIC Program Process Overview

Building Resilient Infrastructure and Communities (BRIC) Technical Assistance (FY22)

What is it?

Planning support for both project and application-specific needs of a community. Examples of project or application-specific assistance needs include, but are not limited to:

- Support applying the Benefit-Cost Analysis methodology to nature-based solutions and other future conditions
- Developing a project involving collaboration between multiple communities
- Assistance with understanding or completing environmental planning and historic preservation requirements
- Examples of community-wide resilience assistance needs include, but are not limited to:
 - Building a shared understanding of resilience across local government departments
 - Bringing stakeholders together to discuss innovative mitigation solutions
 - Matching mitigation solutions to funding mechanisms
 - Identifying partnership opportunities or local mitigation partnership network

Who is eligible?

Local governments, including cities, townships, counties, special district governments, state agencies, and federally recognized tribal governments

Priority may be given to communities that:

- Have not received a project subaward under BRIC, the Pre-Disaster Mitigation (PDM) grant program, the Flood Mitigation Assistance (FMA) grant program, or the Hazard Mitigation Grant Program (HMGP) within the past 5 years
- Have not received an Advance Assistance or capability- and capacity-building subaward under BRIC, PDM, FMA, or HMGP within the past 5 years
- Are tribal entities
- Are designated as economically disadvantaged rural communities (documentation to support this designation must be included with the letter of interest) or a disadvantaged community as defined by Executive Order 14008, including tribal nations.
- Have demonstrated a compelling need (e.g., communities with significant disadvantaged populations, communities with multiple major disaster declarations within the past 5 years, etc.)

What is the cost?

N/A

What is the timeline?

All communities interested must submit one letter of interest for non-financial Direct Technical Assistance

- Community point of contact information, including name, position, address, phone number, and email
- A description of the community's challenges to meet this mitigation need for Direct Technical Assistance
- Proposed deliverables and timelines, including duration of technical assistance
- The extent of the community's capacity to assist in the Direct Technical Assistance activity and the staff available to commit to participate in the activity

Letter of interest due ~January 2023

Flood Mitigation Assistance (FMA) Grant

What is it?

The Flood Mitigation Assistance Program is a competitive grant program that provides funding to states, local communities, federally recognized tribes and territories. FEMA chooses recipients based on the applicant's ranking of the project and the eligibility and cost-effectiveness of the project.

Flood Mitigation Assistance (FMA) funds may be used for projects that reduce or eliminate the risk of repetitive flood damage to buildings insured by the National Flood Insurance Program including:

- Project Scoping

- Technical Assistance
- Community Flood Mitigation Projects - local level drainage/flood control projects to improve drainage and reduce flood risk for communities and can include numerous activities such as drainage pipes, pump stations, topographic grading, seawalls, marsh restoration, and other nature-based solutions.
- Individual Structure/Property-Level Flood Mitigation Projects - mitigate the risk of flooding to individual NFIP-insured structures and give priority to properties meeting SRL and RL definitions. These project types include Acquisition, Acquisition Relocation, Relocation, Elevation, Mitigation Reconstruction, and Dry floodproofing of historic or commercial structures.
- Management Costs

Who is eligible?

- Local governments, including cities, townships, counties, special district governments, state agencies, and federally recognized tribal governments (who choose to apply as subapplicants) are considered subapplicants and must submit subapplications to their state/territory/tribal applicant agency.
- Subapplicants must have a FEMA-approved Local or Tribal Hazard Mitigation Plan by the application deadline and at the time of obligation of grant funds for mitigation projects and Capability and Capacity-building activities (with the exception of mitigation planning).
- All subapplicants for FMA must be participating in the NFIP, and not be withdrawn or suspended, to be eligible to apply for grant fund.

What is the cost?

Cost share is required for all subapplications funded by the Flood Mitigation Assistance program. Generally, the cost share for this program is 75% federal / 25% non-federal. Contributions of cash, third-party in-kind services, materials, or any combination thereof, may be accepted as part of the non-federal cost share.

What is the timeline?

FY22 pre-applications due to VDEM on November 10, 2022. After a pre-application is reviewed for eligibility and processed by VDEM, applicant will complete more detailed project application with scope of work, cost, etc.