FMA & BRIC Grant Programs
State-Wide Applicant Briefing

Call-in Number available through Webex.
Click “Meeting info” tab in the top left corner
Webinar Info

- **Audio**
  - Available through Webex
- **All lines will be muted for the duration of the webinar.**
- If you have a question or issue during the presentation please submit it through the webinar chat.
- Any questions not answered during the presentation will be answered in the meeting minutes and made available to the public.
INTRODUCTION
What does Mitigation do?

Mitigation breaks the cycle of disaster, damage, reconstruction and repeated damage.

$6 is saved in future disaster costs for every $1 of hazard mitigation spent.
Where does Mitigation fit?

**Mitigation**
Reducing the loss of life and property by lessening the impact of disasters

**Recovery**
Putting a community back together after a disaster

**Preparedness**
Getting people and equipment ready to quickly and effectively respond to a disaster before it happens

**Response**
Saving life and property during and immediately after a disaster
Non-Disaster Mitigation Grants Application Cycle and Funding Deadlines

- NOFO posted to Grants.gov: 8/12/22
- FDEM Announcement emailed: 8/15/22
- Application period opens: 9/30/22
- Deadline to Submit SA to FDEM: 11/14/22

Deadline to Submit a Subapplication to FDEM
11/14/22 by 5:00 PM EST

Only complete subapplications will be accepted and reviewed before submission to FEMA
Minimum Subapplicant Eligibility Criteria

• Applicant’s jurisdiction must have a FEMA-approved local mitigation plan as a condition of receiving a project grant

• All jurisdictions included in multi-jurisdictional plan must have formally adopted their respective Local Mitigation Strategy (LMS)

• All jurisdictions must participate in the NFIP (communities on probation or suspended from the NFIP are not eligible).
All mitigation measures submitted to the state for funding consideration must:

• Be consistent with the State Hazard Mitigation Plan
• Provide a long-term solution
• Be located in a vulnerable area as identified in the Local Mitigation Strategy (LMS)
• Be technically feasible and meet cost effectiveness and environmental conformity
• The measure must identify a non-federal match (90/10) (75/25)
Program Funding

- FMA & BRIC are cost-reimbursement grant programs
  - All approved eligible project costs are financed by the Sub-recipient with reimbursement requested from the State
- FEMA may fund up to 100% (FMA) and up to 75% (BRIC) of the eligible costs of each project
- Sub-Recipient Management Costs (SRMC) are available up to 5% of the total project cost
- Project Cost-Share
  - The applicant must provide the match, which can be fashioned from a combination of cash and in-kind sources (44 CFR 206.432(c)).
Cost Share Requirements

Generally, FEMA will pay up to 75 percent of the total project cost

• **BRIC:**
  • FEMA will pay up to 90 percent for Economically Disadvantaged Rural Communities
  • FEMA will pay up to 100 percent for Management Costs

• **FMA:**
  • FEMA will pay up to 100 percent for Severe Repetitive Loss Properties
  • FEMA will pay up to 90 percent for Repetitive Loss Properties
  • FEMA will pay up to 75 percent for Non-RL/SRL Properties
FLOOD MITIGATION ASSISTANCE (FMA)
FMA Eligibility Requirements

- Subapplicants must participate in the National Flood Insurance Program (NFIP) (not on probation or suspended)

If Mitigated Structure Remains:

- Structures identified in the subapplication must have an active NFIP policy in effect at the FMA application start date (09/30/2022*) and must maintain it for the life of the structure regardless of flood zone

If Mitigated Structure is Acquired/Demolished:

- Structures identified in the subapplication must have an NFIP policy in effect at the FMA application start date (09/30/2022*) and must maintain it until the transfer of property occurs regardless of flood zone

*Dates are estimated, official dates will be published after NOFO is released
FMA Eligible Activities

- Acquisition/Demolition
- Acquisition/Relocation
- Elevation of structures
- Mitigation Reconstruction
- Dry Floodproofing of Historic Structures
- Dry Floodproofing of Non-Residential Structures
- Localized Flood Risk Reduction Projects

- Structural Retrofitting of Existing Buildings
- Non-Structural Retrofitting of Existing Buildings and Facilities
- Infrastructure Retrofit
- Soil Stabilization
- Project Scoping – Individual Home & Community Flood
- Miscellaneous/Other**
FY 2022 FMA Available Funding & Priorities

TO BE ANNOUNCED
FY 2021 FMA Available Funding & Priorities

$160 MILLION
TOTAL AVAILABLE FMA FUNDING

Allocated up to $10 MILLION
Project Scoping (previously Advance Assistance)

Allocated up to $70 MILLION
Community Flood Mitigation Projects

At least $80 MILLION

3 Technical Assistance
4 Flood Hazard Mitigation Planning
5 Individual Flood Mitigation Projects

$3,397,751.27 Identified for Further Review
BUILDING RESILIENT INFRASTRUCTURE AND COMMUNITIES (BRIC)
BRIC Eligible Activities

Existing Activities that are Still Eligible:

- Property Acquisition and Structure Demolition or Relocation
- Structure Elevation
- Mitigation Reconstruction
- Dry Floodproofing
- Generators
- Localized/Non-localized Flood Control Projects
- Structural Retrofitting and Non-structural Retrofitting of Existing Buildings and Facilities
- Construction of safe rooms
- Wind Retrofitting for Family Residences
- Infrastructure Retrofit
- Soil Stabilization
- Wildfire Mitigation
- Resilient Infrastructure
- Hazard Mitigation Planning
BRIC Eligible Activities

Expanded Eligibility
Includes:

- Project scoping
- Building code activities
- Pre-award costs
- Additional activities for wildfire and wind implementation (DRRA Section 1205)
- Earthquake early warning (DRRA Section 1233)

Projects Must:

- Be cost-effective
- Reduce/eliminate risk and damage from future natural hazards
- Meet latest two consensus codes (i.e., 2018 or 2021 international building code)
- Align with Hazard Mitigation Plan
- Meet all environmental and historic preservation requirements
TO BE ANNOUNCED
## FY 2021 BRIC Available Funding & Priorities

### Total Available BRIC FUNDING

- **$1 Billion**

<table>
<thead>
<tr>
<th>Uses of Assistance</th>
<th>$56 M State/Territory Allocations</th>
<th>$25M Tribal Set-Aside</th>
<th>$919M National Competition for Mitigation Projects</th>
</tr>
</thead>
<tbody>
<tr>
<td>Management Costs</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Capability and Capacity Building Activities</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Mitigation Projects</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
</tbody>
</table>

$74,125,111.74 Identified for Further Review
BRIC Technical Criteria

- **20 points**
  - Infrastructure project

- **15 points**
  - Mitigates risk to one or more lifelines

- **10 points**
  - Incorporates nature-based solutions

- **20 (or 10) points**
  - Applicant has mandatory tribal-, territory-, or state-wide building code adoption requirement (recent versions of International Building Code and International Residential Code)

- **20 points**
  - Subapplicant has Building Code Effectiveness Grading Schedule Rating of 1 to 5

- **10 points**
  - Application generated from a previous qualifying award or the subapplicant is a past recipient of BRIC non-financial Direct Technical Assistance

- **5 points**
  - A non-federal cost share of at least 30% (or, for Economically Disadvantaged Rural Communities, a non-federal cost share of at least 12%)

- **15 points**
  - Designation as an Economically Disadvantaged Rural Community
BRIC Qualitative Criteria

- **35 points**
  - Risk Reduction / Resiliency Effectiveness

- **20 points**
  - Climate Change and Other Future Conditions

- **15 points**
  - Implementation Measures

- **25 points**
  - Population Impacted

- **5 points**
  - Outreach Activities

- **15 points**
  - Leveraging Partners
Double the number of communities supported through Direct Technical Assistance

Non-financial Direct Technical Assistance was provided to up to 20 selected communities to support the mitigation outcomes listed below:

- Improve resiliency to natural hazards
- Sustain successful mitigation programs
- Submit high-quality applications
- Implement innovative projects to reduce risk
FY 2021 BRIC Direct Technical Assistance

FEMA may prioritize Direct Technical Assistance for communities that:

• Have not received a project award under the Pre-Disaster Mitigation (PDM) program, FMA, or the Hazard Mitigation Grant Program (HMGP) within the past 5 years
• Have not received an Advance Assistance award under PDM, FMA, or HMGP within the past 5 years
• Are Tribal entities
• Are Economically Disadvantaged Rural Communities and/or benefit disadvantaged community
• Have demonstrated a compelling need (e.g., have significant social vulnerability, multiple major disaster declarations within the past 5 years, etc.)
NOTICE OF INTEREST (NOI) FORM
If you would like to indicate your interest in pursuing a mitigation activity under the FMA or BRIC programs prior to developing and submitting a subapplication, you may submit a Notice of Interest (NOI) form to FDEM to receive programmatic, engineering and environmental feedback on the proposed project.

NOI Form will be e-mailed with FDEM’s notice announcing the FMA and BRIC application cycles and will be available on FDEM’s FMA and BRIC websites.

Using the NOI form is strongly recommended, but not required.

*FY 23 it will be required.*

Submit Completed Form Via E-mail: non-disasterprograms@em.myflorida.com

**NOI Submittal Deadline: (9/20/2022)**

*After this date, DEM won’t be reviewing NOI forms and providing feedback. If you would like feedback, you will need to submit the NOI form before this date.*
APPLICATION DEVELOPMENT
How to Apply

- Eligible Subapplicants must create an account and apply for funding using FEMA Grants Outcomes (FEMA GO) at the FEMA GO Portal [https://go.fema.gov/](https://go.fema.gov/)

- Once an account is created, please send an e-mail to [non-disasterprograms@em.myflorida.com](mailto:non-disasterprograms@em.myflorida.com) so that we may approve the user (as a SAR or SM).

- Visit FEMA Grants Outcome (FEMA GO) for Hazard Mitigation Assistance Grants to view the technical user manuals and support materials [https://www.fema.gov/grants/guidance-tools/fema-go](https://www.fema.gov/grants/guidance-tools/fema-go)
Make sure the program for which you are applying is identified within the subapplication title:

- FMA – Evergreen County Elevation Project
  (Do not use street name or property owner’s name in title)
- BRIC – City of Evergreen Wind Retrofit Project
General Subapplicant Information Required

- Name of Applicant Organization
- Applicant type
- County/Counties
- State Legislative/ Congressional District(s)
- Federal Tax Identification Number
- FIPS Code
- Unique Entity ID (UEI) number
- FFATA

- Point of Contact
- National Flood Insurance Program (NFIP) Community Identification Number
- Application Preparer Information
- Duly Authorized Representative
- LMS Letter of Support
LMS Letter of Support

• All BRIC subapplications must have a signed letter of support from the LMS Chair
  • Must identify how project meets LMS goals and objectives

• Subapplications without a LMS letter of support will NOT be processed
Scope of Work

✓ Determine that the proposed activity is an eligible mitigation activity

✓ Completely answer all questions

✓ Provide clear and detailed description of the proposed activity and how the activity will be implemented

✓ Provide supporting documentation and historical data
Pre-Award Costs

- Pre-award costs are incurred prior to the date of the grant award.
  - There is no start date for when they can be incurred. They can be incurred any time prior to an award.

- Examples of pre-award costs:
  - Gathering NEPA data, developing BCA, design specs, conducting workshops for application development, etc.

- Must be approved by the State and FEMA
- Must be requested within subapplication budget
- If the project is not approved, pre-award costs will be the sole responsibility of the subapplicant
You must provide detailed costs of the project. This information will be used for the Benefit-Cost Analysis. Required items include:

- Pre-Award Costs (list individually)
- Construction Costs (labor, materials, etc.)
- Other costs/fees (permitting, engineering, etc.)
- Sub-Recipient Management Costs
- Provide Funds Commitment Letter for Non-Federal Share

For more information see 44 CFR §13.24
Budget Development

- Lump sums are **NOT** acceptable
- You must detail all anticipated project costs
- Provide the source of the estimate
  - Such as contractor estimate or estimating tool (RS Means, Cost Works, Bni, etc.)
  - Vendor quotes
Subrecipient Management Costs (SRMC)

- SRMC are available upon request
  - Keeps management funds and project funds separate.
  - Must be requested within the subapplication
  - Can only be used for indirect costs and/or administrative expenses associated with the project
  - Cannot exceed 5% of the total project costs

- For BRIC only – SRMC is not subject to the cost share split and can be requested at 100%.

**Example:**
Total Project Cost = $200,000 (up to $10,000 SRMC may be requested)
Subrecipient Management Costs (SRMC)

Management costs are any indirect costs and administrative expenses that are reasonably incurred by a Recipient or Sub-Recipient in administering an award or subaward.

Examples of Allowable SRMC:
- Subapplication development (admin)
- Managing Award (e.g. quarterly reporting and closeout)
- Cost of operating and maintaining facilities
- Personnel and accounting administration
- General administration and general expenses

*These activities are not an exhaustive list and are subject to State/FEMA approval*
Schedule of Work

Project Schedule of Work

✓ Identify project milestones and include all phases of the project
  • Milestone example: project design
✓ Number of days to complete
  • Example: 6 months
✓ BRIC – Go/No-Go Milestones
  The subapplicant, must identify at least one or more Go/No-Go milestones in the work schedule for mitigation projects submitted to the national competition that FEMA will review and approve.

(cannot exceed a 36 months period with the exception of community flood mitigation projects which cannot exceed 48 months)
ENGINEERING REVIEW

Claudia Purser
State Technical Unit Engineering Review
State Sub-application Review

Programmatic

Engineering

Environmental
The TechUnit Engineering is a team of experienced professionals that will help you complete your sub-application.

Our role is to ensure all sub-applications are complete and in good shape for the program you are applying for (FMA or BRIC):

- **Good mitigation projects** that will protect communities and increase resiliency
- **Eligible** and **Feasible** projects
- **Cost effective** projects
Key Points

BRIC IS A COMPETITIVE PROGRAM

Your project needs to be better than other projects from the rest of the country to be selected for funding

For BRIC and FMA, remember your project must meet all requirements
Key Points

• Read FEMA’s Hazard Mitigation Assistance Guidance and identify the eligibility of your project under this funding source.

• Get help from the State or get help from professionals with HMA funding and Benefit Cost Analysis experience.
State Technical Unit - Engineering

Our team reviews multiple sub-application sections:

- Sub-applicant Information
- Contact information
- Scope of Work
- Schedule
- Budget
- Cost effectiveness
- Attachments
Please assign the correct person as the POC for the project:

- The POC must be aware of the Sub-application
- The POC must be available to respond RFI and provide additional information (Holidays)
- The POC must be able to reach out to different departments/staff members for help
- If working with a consultant, the information must come from the Sub-applicant
Always keep in mind the State Technical Unit Engineering team is on your side and needs your help to be able to help you.

We are here to help you complete and improve your sub-applications.

Our goal is to present a sub-application where all aspects are covered and can be selected for funding.
Scope of Work Section

Hazard sources
- Primary hazard source
- Secondary hazard source (optional)
- Tertiary hazard source (optional)

Is this a phased project?
Are you doing construction in this project?
Population affected
Describe the hazard sources and the associated risks
Provide a clear and detailed description of your proposed activity
How will the mitigation activity be implemented?
Describe how the project is technically feasible and will be effective in reducing the risk by reducing or eliminating damage to property and/or loss of life in the project area. Include engineering design parameters and references to the following:
- Preliminary schematic or engineering drawings/design, applicable building codes, engineering practices and/or best practices, level of protection (e.g., life safety, 100-yr flood protection with freeboard, 100-yr wind design, etc.)
- Who will manage and complete the mitigation activity?
- Will the project address the hazards identified and what risks will remain from all hazards after project implementation (residual risk)?
- When will the mitigation activity take place?
- Explain why this project is the best alternative. What alternatives were considered to address the risk and why was the proposed activity considered the best alternative?

Additional comments (optional)

Attachments
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<tr>
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<th>Uploaded by</th>
<th>Label</th>
<th>Description</th>
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<tbody>
<tr>
<td></td>
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<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
• Please answer all scope of work questions.
• Adding a separate document with answers is strongly recommended, our team will provide a template to the POC.
• The document must provide bold answers identifying the scoring criteria. It is for the best interest of the project.
Key Points

Elaborate a complete detailed SOW:

• Who will be doing the work
• Where the project is going to be located
• The existing problem
• Population affected
• Description of the work to be completed
• How the project will be implemented – Phased projects
• The level of protection the project will provide
• Avoid being repetitive for the reader
## Schedule Section

### Hills of Santa Fe Acquisition, Demolition and Drainage improvements 10002 and 10012 NW 25th Place

**Schedule**

Specify the work schedule for the mitigation activities.

**Add tasks to the schedule**

Please include all tasks necessary to implement this mitigation activity, include descriptions and estimated time frames.

<table>
<thead>
<tr>
<th>Task Name</th>
<th>Start Month</th>
<th>Task Duration (in Months)</th>
<th>Task Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acquisition of two houses</td>
<td>1</td>
<td>3 months</td>
<td>The County and home owners will come to agreement on a purchase price and execute a contract. Upon processing of all applicable real estate documents, the closing will occur.</td>
</tr>
<tr>
<td>Survey</td>
<td>4</td>
<td>1 months</td>
<td>A topographic and boundary survey will be conducted to confirm property boundary lines and obtain existing grade elevations to be used for the design of the pond.</td>
</tr>
<tr>
<td>Design</td>
<td>5</td>
<td>2 months</td>
<td>A hydrologic model will be run of the area to confirm final pond size utilizing the field survey elevations. A grading plan of the pond will be prepared indicating layout, depth, side slopes. A storm water pump will be sized and located with a discharge detail to convey the flood waters to the offshore north area.</td>
</tr>
<tr>
<td>Bid Phase</td>
<td>T</td>
<td>2 months</td>
<td>The County will advertise the work to solicit bids from qualified contractors. The bids will be reviewed and a contractor selected.</td>
</tr>
</tbody>
</table>
Schedule Section

Please provide a schedule, it is required!

- The project’s schedule must not exceed the program’s timeframe
- List all tasks the project would have
- Be consistent with your SOW
- Be consistent with your budget
Budget Section

Budget type: Construction

Cost type: Cost estimate

Cost estimate is the line item(s) budget to support the scope of work for the execution and completion of the project. Be sure to include the cost associated with revisions/formal adoption. To add a line item, please click on the ‘Add an Item’ button. Click anywhere within each row or the arrow to edit or delete the line(s).

<table>
<thead>
<tr>
<th>Cost Items</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Item: Sodding</td>
<td>$1,980.00</td>
</tr>
<tr>
<td>Item: Maintenance of Traffic</td>
<td>$40,022.68</td>
</tr>
<tr>
<td>Item: Dredging &amp; Disposal of Dredged Materials - Seminole</td>
<td>$74,448.00</td>
</tr>
<tr>
<td>Item: Dredging &amp; Disposal of Dredged Materials - Pine to</td>
<td>$218,296.00</td>
</tr>
<tr>
<td>Item: Sediment &amp; Erosion Control</td>
<td>$17,060.00</td>
</tr>
<tr>
<td>Item: Bank Regrading</td>
<td>$3,960.00</td>
</tr>
<tr>
<td>Item: Design/Permitting/Data Collection</td>
<td>$90,051.02</td>
</tr>
<tr>
<td>Item: Dredging &amp; Disposal of Dredged Materials - Piazza AL</td>
<td>$76,834.00</td>
</tr>
<tr>
<td>Item: Construction Engineering and Inspection</td>
<td>$180,102.04</td>
</tr>
</tbody>
</table>
Please provide a budget, it is required!

• Lump sums are not allowed
• Provide detailed activities
• Attach a detailed project budget
• Be consistent with the attachment

NEW*
• SRMC will not be part of the BCA
Cost Effectiveness Section

Test

Cost-effectiveness

How was cost-effectiveness determined for this project?

- BCA completed in FEMA’s BCA toolkit
- Pre-calculated benefits
- Substantial damage in special flood hazard area
- Other BCA methodology approved by FEMA in writing
- Not applicable
- Not applicable

What are the total project benefits? ($)

What are the total project cost? ($)

What is the benefit-cost ratio (BCR) for the entire project?

Was sea level rise incorporated into the flood elevations in the BCA?

Were environmental benefits added to the project benefits?

Were social benefits added to the project benefits?

Does the mitigation measure incorporate nature-based solutions?

Please provide any additional comments below (optional).

Attachments

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</tr>
</thead>
</table>

Continue
Cost Effectiveness Section

• The State TechUnit will run the BCA for all projects, implementing approved methodologies
• All values on BCA must be supported with attachments
• The State will answer questions on this section
• Any answers entered may be modified to match our BCA
• Any BCA prepared by the sub-applicant or their consultant will be reviewed, but will also be removed from the sub-application to avoid confusion
• Irrelevant attachments will be removed to avoid confusion.
• The State TechUnit Engineering will attach a recommendation for funding supporting your project and a BCA
Benefit Cost Analysis

The analysis is done utilizing FEMA’s Benefit Cost Analysis (BCA) toolkit (version 6.0)

Benefits
---

\[
\frac{\text{Benefits}}{\text{Project Cost}} = 1.0 \text{ or greater (Ratio)}
\]

Benefits
---

Losses over useful life if \text{NO} project is implemented

Losses over useful life if the project \text{IS} implemented

Benefits ($)}
Benefit Cost Analysis

3 ways to run a Benefit Cost Analysis BCA:

Modeled Damages
Using available technical data to enter info on tool and allow it to calculate damages and benefits.
- Flood Insurance Study
- Elevation Certificate
- Property Appraiser
- ASCE 7-16
- FDOT Traffic counts
- Other

Historical Damages
Using historical records available.
- Flooding pictures
- Insurance Claims
- Homeowner Affidavits
- Historical road closures
- 911 records
- Utility outages
- Other

Professional Expected Damages
Using expected damages calculated and certified by the correct professional.
- Signed and Sealed information from the Engineer of Record
- Damages using Depth Damaged Function tables
- H&H Studies
- Other
Benefit Cost Analysis

Typical benefits:

- Avoided Physical Damages
- Avoided Emergency Response Costs
- Avoided Loss-of-Function Impacts
- Avoided Injuries and Casualties
- Non-Traditional Benefits
Benefit Cost Analysis

What we look for when collecting benefits to run the BCA:

- Clear explanation of the problem
- Clear explanation of the solution
- Activities that will take place
- Maintenance cost (required)
- Location
- Property details
- Affected customers
- **Level of protection** (most important)
Benefits Cost Analysis

- Maps
- **Conceptual Designs (required)**
- If designed, set of construction plans
- Damage calculations (if available)
- Any other attachment that can help explain the benefits to the area and the community
Key Points

• Do not attach irrelevant information or duplicated files to your FEMA GO application

• Make sure your application contains consistent information

• Do your best to guide the reader to understand your project
BCA Exemptions

- **Elevations** in the SFHA under $205,000
- **Acquisitions** in the SFHA and under $323,000
BCA Exemptions

- **Acquisitions** for Repetitive Loss (RL) and Severe Repetitive Loss (SRL) properties outside the SFHA, that meet specific qualifiers and definitions listed on the memorandum.

_Dated February 15th 2022_
BCA Exemptions

- **Wind Retrofit For Non-Residential Buildings** with a mitigation cost under 10% of its Building Replacement Value
  - Must be located in the wind-borne debris area
  - Structural frame must consist of steel, concrete or reinforced masonry
BCA Exemptions

- **Wind Retrofit for Residential Buildings** under the cost of specific packages listed on FEMA’s job aid
  - Must comply with all activities from each package
• Precalculated Benefits for Certain Hospital Generators

  ▪ Must have an Emergency Department
  ▪ Project must be a stand-alone solution
  ▪ Total cost of the project must be less than pre-calculated benefits: $6.95 per gross area, $12.62 for rural hospitals
Key Points

SCORE YOUR APPLICATION
Understand what the reviewer is going to see on your project
ENVIRONMENTAL REVIEW

Kayla Born
Environmental and Historic Preservation (EHP) Review
What are EHP Reviews?

Ensure projects seeking federal funding are compliant with the National Environmental Policy Act (NEPA) and the National Historic Preservation Act (NHPA)
• All federal agencies must assess the environmental effects of the proposed action

• An umbrella law
  • Endangered Species Act
  • Clean Water Act
  • Clean Air Act
  • National Historic Preservation Act
  • Executive Orders:
    • Floodplains
    • Wetlands
    • Environmental Justice
Benefits of This Review Process

FDEM’s Environmental Team has non-federal representation status and performs FEMA reviews for Hazard Mitigation Grant Program (HMGP) projects.

Allows the Environmental Team to bring our knowledge of FEMA reviews to these grant programs and build more complete and competitive applications.

We are here to help!
# Environmental/Historic Preservation (EHP) Review Information

## Introduction
An environmental/historic preservation review is required for all activities for which FEMA funds are being requested. FEMA will complete this review with the assistance of both the state or tribal government and the local applicant. It is important that you provide accurate information. If you are having problems completing this section, please contact your application point of contact.

## A. National Historic Preservation Act - Historic Buildings and Structures
1. Does your project affect or is it in close proximity to any buildings or structures 50 years or more in age?

## B. National Historic Preservation Act - Archeological Resources
Does your project involve disturbance of ground?

## C. Endangered Species Act and Fish and Wildlife Coordination Act
1. Are federally listed threatened or endangered species or their critical habitat present in the area affected by the project?
2. Does your project remove or affect vegetation?
3. Is your project in, near (within 200 feet), or likely to affect any type of waterway or body of water?

## D. Clean Water Act, Rivers and Harbors Act, and Executive Order 11990 (Protection of Wetlands)
1. Will the project involve dredging or disposal of dredged material, excavation, adding fill material or result in any modification to water bodies or wetlands designated as ‘waters of the U.S.’ as identified by the US Army Corps of Engineers or on the National Wetland Inventory?

## E. Executive Order 11988 (Floodplain Management)
1. Does a Flood Insurance Rate Map (FIRM), Flood Hazard Boundary Map (FHBMW), hydrologic study, or some other source indicate that the project is located in or will affect a 100-year floodplain, a 50-year floodplain if a critical facility, an identified regulatory floodway, or an area prone to flooding?
National Historic Preservation Act

Divided into two sections:
- Historic Buildings and Structures
  - Does the project involve structures 45 years or older?
- Archeological Resources
  - Will any ground disturbance/digging be required for the project?

- Important Documents to include:
  - Maps detailing where project activities will be
  - Photos: clear and cover all sides of structures or areas disturbed
  - 1:24,000 USGS Topographic map
  - Description and map of any ground disturbance
  - Description of the features of structures that are being altered
Ground Disturbance Maps & Project Area Maps

All projects need a map indicating where the project is taking place.

Maps should:
- Include coordinates in decimal degree for all areas of work.
- Clearly outline project areas.
- Ground disturbance maps should include areas of ground disturbance in square feet and depth in inches.
Endangered Species Act

All counties in Florida contain the range or habitat for at least one threatened or endangered species.

Information about species in or near the project area can be found at https://ipac.ecosphere.fws.gov/
Wetlands and Waterbodies

• FEMA uses the National Wetlands Inventory to determine wetland locations

• If the project occurs in or near a mapped wetland or a waterbody, a consultation with US Army Corps of Engineers (USACE) or Florida Department of Environmental Protection (FDEP) is required (depending on location)
Floodplains

• Projects within mapped floodplains, that affect floodplains, or are being implemented to reduce flood risk or flood loss require public involvement and project alternatives.

• FDEM staff will provide public notice templates and guides during the review process.

• Public notice comment periods are between 15 and 30 days depending on project type.

• Project alternatives should include detailed descriptions and explanations of why it wasn’t chosen.
Coastal Zone Management Act

The entire state of Florida is within the state’s designated coastal zone.
Farmlands

- Are there over 5 acres of land being converted to a different land use?
- Mostly looking at areas outside cities
Hazardous & Toxic Materials

• Resource Conservation and Recover Act (RCRA) and Comprehensive Environmental Response Compensation and Liability Act (CERCLA).

• Includes:
  • Asbestos & asbestos containing material
  • Lead-based pain
  • Paints & solvents
  • Coolants
  • Petroleum products
  • Unusable equipment

• Any Superfund sites in or near the project location?
Environmental Justice

FEMA considers all project locations as areas with potential to impact low income or minority populations.

If the project provides benefits to these populations, include a description.
Attachments

All projects should include (at minimum):

- Complete and detailed Scope of Work
- Coordinates in decimal degree format (Example: 28.123456, -80.123456)
- Photos (minimum of 4)
- Aerial map outlining project areas
- FIRM/FIRMette
- USGS Topographic map (1:24000 scale)
- Any applicable permits obtained or permit applications
- For structures: documentation showing year built (property appraiser)
How Can You Help Us?

• Answer all questions in FEMA Go to the best of your ability.

• Respond to Requests for Information (RFI) as soon as possible.

• Answer all parts of the RFIs.

• Be understanding, we are here to help!
PROGRAM SUPPORT
MATERIALS
FMA Program Support Materials

FDEM’s FMA Website:
https://www.floridadisaster.org/dem/mitigation/flood-mitigation-assistance-program/

FEMA’s FMA Website:
https://www.fema.gov/grants/mitigation/floods

FY 2022 FMA Notice of Funding Opportunity & Fact Sheet (forthcoming)

FMA Resources
• FMA Community Flood Mitigation Project Fact Sheet
• FMA Individual Flood Mitigation Fact Sheet
• FMA Project Scoping Fact Sheet
• Geospatial File Eligibility Criteria in Flood Mitigation Grant Applications
BRIC Program Support Materials

FDEM’s BRIC Website: https://www.floridadisaster.org/dem/mitigation/building-resilient-infrastructure-and-communities-bric-grant-program/

FEMA’s BRIC Website: https://www.fema.gov/grants/mitigation/building-resilient-infrastructure-communities

FY 2022 BRIC Notice of Funding Opportunity & Fact Sheet (forthcoming)

BRIC Resources

- BRIC Technical Criteria
- BRIC Qualitative Criteria
- BRIC Building Codes Activities
- BRIC Mitigation Planning Activities
- BRIC Partnership Activities
- BRIC Project Scoping Activities
- BRIC Phased Projects
- BRIC Direct Technical Assistance
- BRIC Tribal Information
- Mitigation Action Portfolio
Additional Resources

Unified Hazard Mitigation Assistance Guidance & Addendum
  • https://www.fema.gov/grants/mitigation/hazard-mitigation-assistance-guidance

Hazard Mitigation Assistance Job Aids
  • https://www.fema.gov/grants/mitigation/job-aids

Hazard Mitigation Assistance Cost Share Guide
  • https://www.fema.gov/sites/default/files/2020-08/fema_hma_cost-share-guide.pdf
2022 FEMA Hazard Mitigation Assistance Webinars

August 4, 2022 – October 4, 2022

To Register For FEMA’s Webinars:

https://www.fema.gov/grants/mitigation/applying/webinars
Where do I go for help?

**FEMA GO Help Desk**
For technical questions such as error messages or forgotten password
femago@fema.dhs.gov
1-877-585-3242

**HMA Helpline**
For programmatic questions about HMA grant programs such as eligibility
1-866-222-3580

**BCA Helpline**
For assistance using FEMA’s Benefit Cost Analysis tool
BCHelpline@fema.dhs.gov
1-855-540-6744
Where do I go for help?

**Feasibility and Effectiveness Helpline**
FEMA-BuildingScienceHelp@fema.dhs.gov

**Environmental and Historic Preservation Helpline**
To assist applicants and sub-applicants with questions about grant applications and requirements for environmental and historic preservation compliance
EHPHelpline@fema.dhs.gov
1-866-222-3580
Where do I go for help?

Program Eligibility
Susan Harris-Council
(850) 815-4532
Susan.Harris-Council@em.myflorida.com

David McCune
(850) 815-4525
David.McCune@em.myflorida.com

Kailyn Quirk
(850) 815-4555
Kailyn.Quirk@em.myflorida.com

N. Karla Brown
(850) 815-4558
Natoyla.Brown@em.myflorida.com

Technical
Luz Bossanyi
(850) 815-4573
Luz.Bossanyi@em.myflorida.com

Environmental
Kayla Born
(850) 815-4582
Kayla.Born@em.myflorida.com

Engineering
Claudia Purser
(850) 815-4576
Claudia.Purser@em.myflorida.com
Questions?