



FLOOD MITIGATION ASSISTANCE (FMA) GRANT UPDATE

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Flood Mitigation Program

Protecting Lives, Protecting Property | Floodplain Management, Mapping, and Mitigation

www.dnr.sc.gov/flood

FMA Grant Update

- FMA Overview
- Current Grants
- Status of FMA
- Successes
- Challenges



Mitigation Opportunities in SC

Year	No. of Repetitive Loss properties in SC
2015	1109
2016	1717
2017	2589
2018	2904
2019	3506

FMA Overview

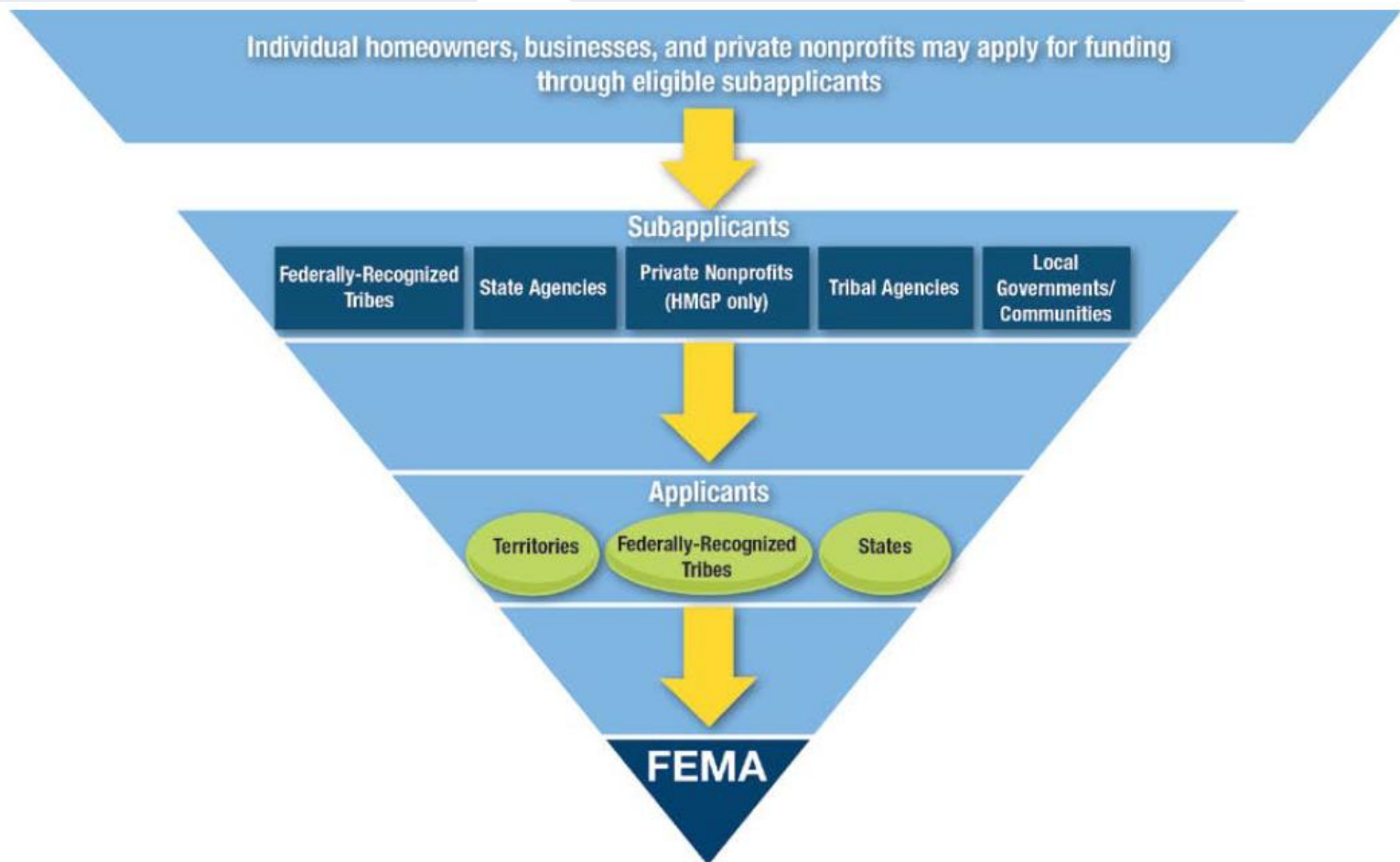


Funding and Eligibility

- FMA is funded through the National Flood Insurance Fund
- Not disaster related
- Local Governments are considered subapplicants and must apply to their Applicant State



Application Process



FMA Grant Types

Types of Grants

- Planning
 - \$25,000 to any sub-applicant
 - Used to create/update the Flood Hazard Section of a Hazard Mitigation Plan



FMA Grant Types

- Project Grants
 - Acquisition
 - Elevation
 - Mitigation Reconstruction
 - Relocation
 - Demolition
 - Dry Floodproofing
 - Flood Risk Reduction Projects



Community Flood Mitigation

- Advanced Assistance
 - Max federal share of \$100k
 - Used to develop mitigation strategies and obtain data to develop projects
 - Eligible activities include, but are not limited to, engineering designs and Hydrologic and Hydraulic studies
 - 25% match required



Community Flood Mitigation

- Community Flood Mitigation Projects
 - Max federal share of \$10M
 - Used to implement projects that reduce flood risk and benefit the NFIP
 - Eligible activities include, but are not limited to infrastructure protective measures, floodwater storage and diversion, floodplain and stream restoration
 - One application per state
 - 25% match required



FMA Specific Requirements

Project Grants

- Must have NFIP insurance Policy
- Community must have current FEMA approved Hazard Mitigation Plan
- Must have a Benefit Cost Ratio equal to 1 or greater if cost is over the pre-calculated benefits
- Must be RL or SRL property



Pre-calculated Benefits Acquisitions and Elevations

- No Benefit Costs Analysis is required if the cost is equal to or less
 - Acquisitions
 - \$276,000
 - Elevations
 - \$175,000



The structure must be in the SFHA in order to use the pre-calculated benefits.

Cost Share

- Insured Properties: Up to 75/25
- Repetitive Loss Properties: Up to 90/10
- Severe Repetitive Loss Properties: Up to 100/0



Past Applications and Lessons Learned



Pre – floods applications

- 2015
 - 2 applications
 - \$95,004.25
 - 1 plan awarded



Post – flood applications and awards

- 2016
 - 9 communities
 - 85 structures
 - 4 SRL
 - 22 RL
 - \$19M in applications
 - \$165,550 awarded



Source: <https://imgflip.com/i/1k1ich>

2017 awards

- 6 communities
- \$2.75M applied
- \$2.73M awarded
- 12 structures
 - 7 acquisitions
 - 5 elevations
 - 1 demo/rebuild
 - All RL or SRL



First Completed Elevation Project



[Elevation You Tube Video](#)



First Completed Elevation Project



2018 applications/awards

- 4 communities
- \$1.17M applications
- \$640K awarded
- 2 RL acquisitions



2019 applications

- 4 communities
- \$2.7M applications
- 6 elevations
- 1 acquisition
- 1 demo/rebuild
- 1 flood reduction project

FMA Summary

- \$ 3,743,485.93 Total grant funds
- \$ 2.8M in federal funds for projects
- 15 structures mitigated
- \$6 return on investment
- **\$16.8M saved**



Lessons Learned with application

- Very competitive grant
- FEMA's priorities are key
- Definitions of SRL and RL are unclear and FEMA headquarters has final say
- Detailed Scope of Work
- Benefit Costs Analysis

Lessons Learned with Grant Management

- Choose Scope of Work language carefully
- Changes take time!
- Managing a contractor
- Budget Estimations
- Document, document, document

Current status

- Waiting on FY20 approvals
- NOFO in October
 - 90 day application period
 - 12-18 months to receive funds
 - Priority likely to be for repetitive loss and severe repetitive loss properties
 - \$10M Community Mitigation Projects



COMMENTS & QUESTIONS

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