

FEMA Hazard Mitigation Assistance (HMA) Grant Funding Opportunities



Scott Baldwin

Deputy State Hazard Mitigation Officer



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What is Hazard Mitigation?

“An Action Taken To Reduce or Eliminate Long-term Risk To Human Life And Property From Hazards.”



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FEMA Mitigation Programs



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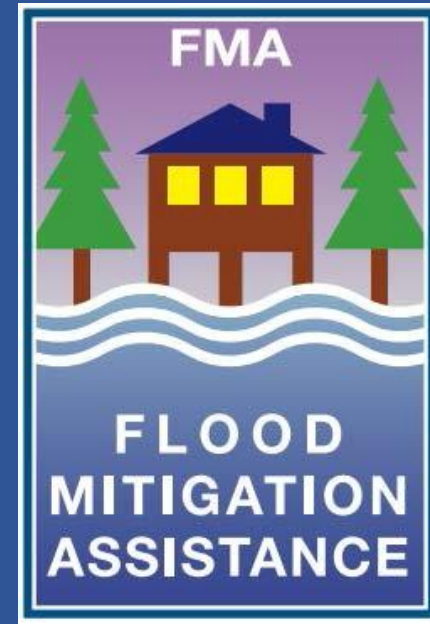
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Flood Mitigation Assistance Program

The FMA Program Is Authorized By Section 1366 Of The National Flood Insurance Act Of 1968 As Amended (NFIA), 42 U.S.C. 4104c.

- Annual Program
- Funded by the National Flood Insurance Program (NFIP)
- 2017 Funding - \$160 million
- BCA & Environmental & Historic Preservation Requirements.
- Projects Must Somehow Reduce Flood Risk To Properties With NFIP Insurance Policies
- Subject to a 75% Federal and 25% Local cost share
- Projects capped at \$10 million federal share



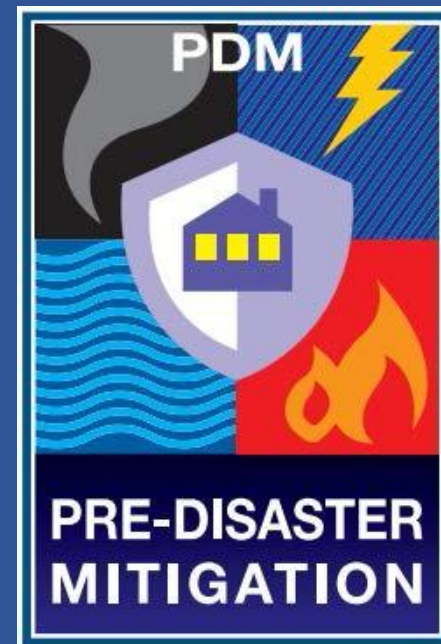
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Pre-Disaster Mitigation Assistance (PDM)

- Annual Program
- Highly Competitive, grant applications compete nationally
- 2017 Funding - \$90 million
- Projects must demonstrably reduce risk by passing a Benefit Cost Analysis (BCA)
- Subject to an Environmental and Historic Preservation review
- Subject to 75% Federal and 25% Local cost share
- Projects capped at \$4 million Federal share



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Eligible Project Types

- Flood Risk Reduction
 - Localized and Non-Localized
- Property Acquisition & Demolition
- Property Elevation
- Dry Floodproofing
- Climate Resilient Mitigation Activities



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Flood Risk Reduction Projects

- *Localized:*

Lessen Frequency/Severity of Flooding In An Isolated Area/Drainage

- Stormwater management Projects:
 - Culverts, Drainpipes, Pump Stations, Floodgates, Detention/Retention Ponds
- Flood Protection Measures for water and sanitary sewer systems
- Slope stabilization or grading to direct waters away from facilities
- Flood Protection and Stabilization measures for roads and bridges



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Flood Risk Reduction Projects

- *Non-Localized (eligible for PDM only):*
Lessen Frequency/Severity of Flooding In A Regional Drainage/Basin
 - Construction, demolition or rehabilitation of the following:
 - Dikes
 - Dams
 - Levees
 - Floodwalls
 - Large-scale Channelization



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Property Acquisition, Demolition, and Deed-Restricted Open Space



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Property Elevation



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Dry Floodproofing



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Climate Resilient Mitigation Activities (CRMA)

- Floodplain and Stream Restoration
- Floodwater Diversion, Storage and Recovery
 - Diverting floodwaters from a stream, river, or other body of water into a wetland, floodplain, canal, pipe or other conduit and storing them above ground using green infrastructure methods
- Aquifer Storage and Recovery
- Emphasis:
 - Nature based design and green infrastructure
 - Restore or replicate a site's natural function



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FMA – Advance Assistance

- Provides funding to assist communities with developing mitigation strategies and obtaining data to prioritize, select and develop viable community flood mitigation projects.
- Funding capped at \$100,000 Federal share



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Ineligible Projects

- Projects That Don't Reduce Risk To People, Structures, Infrastructure
- Projects That Have Already Occurred/Started
- Non-Stand-alone Projects
(Contingent On A Larger Project)
- Sole Purpose of Open Space Acquisition of Unimproved Land
- Incompatible Property Acquisitions
- Project Spurred By Lack of Maintenance
- Inadequate Future Maintenance Plan Following Project Completion



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Ineligible Projects Continued

- Negligence or Intention Actions
(Activities to Remedy Code Violations, Reimbursement of Legal Settlement, Court Order or State Law)
- Projects Without Increased Level of Protection
- On or Associated With Federally Owned Land or Facilities



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Current HMA Funded Flood Mitigation Projects

- Denver – Sanderson Gulch - \$5,290,603
- Colorado Springs – Pleasant Valley - \$5,904,323
- Fort Collins – Mulberry Storm Sewer - \$1,865,667
- Jamestown – Main Street Bridge - \$1,042,915
- Colorado Springs – Platte Avenue Bridge - \$3,605,194
- Longmont – St Vrain Creek WWTP Protection - \$1,401,671
- Mesa County – Bosley Wash Reservoir - \$2,093,834
- Mesa County – Orchard Mesa Pond - \$899,549
- CU Boulder Campus Bridge Replacement - \$2,912,059
- CU Boulder Campus Flood Reduction - \$1,040,782
- Town of Milliken – Josephine Storm Sewer Improvements - \$1,289,118
- Lookout Mountain Water District - \$3,987,750
- Colorado Springs – North Douglas Creek Stabilization - \$2,612,888
- Colorado Springs – Pine Creek Stabilization & Restoration - \$2,037,038

Total Federal Share of Flood Projects in Colorado - \$35,983,391



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Hazard Mitigation Assistance

- Match Funding (Non-Federal Share)
- Cash
 - Local Government Revenues
 - Non-Government Cash
 - Supplies
 - Materials
 - Equipment
 - Personnel paid with eligible funds
- 3rd Party In-Kind
 - Volunteer Services
 - Donated Supplies & Materials
 - Loaned Equipment & Space



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Questions?



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DHSEM Mitigation Project Team

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Thank You!



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