Moving Mitigation Forward:
The Past, Present, and Future of HMA

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FY2018 HMA Funding

In FY 2018, more than $1.3B in pre- and post-disaster Hazard Mitigation Assistance Grants was delivered to states, tribes, and territories, resulting in mitigation actions that will reduce risk.

- Flood Mitigation Assistance Grant Program: 7% ($88.2M)
- Pre-Disaster Mitigation Grant Program*: 4% ($57.7M)
- 406 Mitigation Funding: 30% ($400M)

59% HAZARD MITIGATION GRANT PROGRAM ($784.5M)

* This figure includes legacy PDM program funding.
PDM FY18

$249.2M Allocated
579 Sub-applications
1,221 Properties
$513M Proposed Federal Share

Funding by Sub-application Type

- Utility & Infrastructure Protection: $157.5M
- Flood Control: $104.9M
- Safe Room/Wind Shelter: $41.4M
- Mgmt Costs, Tech Assistance: $40.4M
- Seismic Retrofit: $38.5M
- Acquisitions: $24.9M
- Generators: $17.7M
- Mitigation Planning: $15.5M
- Elevations: $13.1M
- Wildfire Mitigation: $10.3M
- Landslide Stabilization: $9.5M
- Advance Assistance: $6.9M

PDM Funding Trends

2003 2005 2007 2009 2011 2013 2015 2017
PDM Appropriation (millions)
PDM Applications Received (millions)
## FMA FY18

<table>
<thead>
<tr>
<th>Allocated</th>
<th>222</th>
<th>Sub-applications</th>
<th>1,057</th>
<th>Properties</th>
<th>$312M</th>
<th>Proposed Federal Share</th>
</tr>
</thead>
<tbody>
<tr>
<td>$160M</td>
<td></td>
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<tr>
<td><strong>Funding by Sub-application Type</strong></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Elevations</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>$107.5M</td>
<td></td>
</tr>
<tr>
<td>Flood Control</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>$91.8M</td>
<td></td>
</tr>
<tr>
<td>Acquisitions</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>$46.7M</td>
<td></td>
</tr>
<tr>
<td>Acquisition/Elevation Mix</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>$20.5M</td>
<td></td>
</tr>
<tr>
<td>Utility &amp; Infrastructure Protection</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>$20M</td>
<td></td>
</tr>
<tr>
<td>Management Costs &amp; Technical Assistance</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>$17M</td>
<td></td>
</tr>
</tbody>
</table>

### FMA Funding Trends

- **FMA Appropriation (millions)**
- **FMA Applications Received (millions)**

![FMA Funding Trends Graph](image)
## FY18 Funding Distribution

<table>
<thead>
<tr>
<th>PDM</th>
<th>FMA</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Total funding amount = $250M</td>
<td>• Total funding amount = $160M</td>
</tr>
<tr>
<td>• Statutory allocation = $31.6M</td>
<td>• Community Flood Mitigation Projects = $68M</td>
</tr>
<tr>
<td>• Tribal set-aside = $15M</td>
<td>• Remaining Priorities = $90M</td>
</tr>
<tr>
<td>• Resilient Infrastructure Competition = $100M</td>
<td>• Technical Assistance</td>
</tr>
<tr>
<td>• Traditional Competitive = $68.6M</td>
<td>• Flood HM Plans</td>
</tr>
<tr>
<td>• Advance Assistance (Project Scoping) = $20M</td>
<td>• Regular Competition (RL/SRL)</td>
</tr>
<tr>
<td></td>
<td>• Advance Assistance = $2M</td>
</tr>
</tbody>
</table>
The Mitigation Opportunity

Natural Hazard Mitigation Saves

Natural Hazard Mitigation Provides the Nation $6 in Benefit for Every $1 Invested

<table>
<thead>
<tr>
<th>Natural Hazard</th>
<th>Beyond Code Requirements</th>
<th>Federally Funded</th>
</tr>
</thead>
<tbody>
<tr>
<td>Riverine Flood</td>
<td>$5:1</td>
<td>$7:1</td>
</tr>
<tr>
<td>Hurricane Surge</td>
<td>$7:1</td>
<td>Too few grants</td>
</tr>
<tr>
<td>Wind</td>
<td>$5:1</td>
<td>$5:1</td>
</tr>
<tr>
<td>Earthquake</td>
<td>$4:1</td>
<td>$3:1</td>
</tr>
<tr>
<td>Wildland-Urban Interface Fire</td>
<td>$4:1</td>
<td>$3:1</td>
</tr>
</tbody>
</table>

This Interim Study quantified a number of benefits from mitigation, including reductions in:

- Future deaths, nonfatal injuries, and PTSD
- Repair costs for damaged buildings and contents
- Sheltering costs for displaced households
- Loss of revenue and other business interruption costs to businesses whose properties are damaged
- Loss of economic activity in the broader community
- Loss of service to the community when fire stations, hospitals, or other public buildings are damaged
- Insurance costs other than insurance claims
- Costs for urban search and rescue
Disaster Recovery Reform Act (DRRA)

- Establishes more than 50 new authorities and requirements across FEMA
- Designed to address the rising costs of disasters and reform federal disaster programs
- The Mitigation Directorate is responsible for implementing 13 of the new provisions, over half of which directly impact Hazard Mitigation Assistance programs
DRRA Section 1234: Building Resilient Infrastructure and Communities (BRIC)

- Leverage 6% set-aside funding mechanism
- Encourage community-wide mitigation of critical lifelines
- Prioritize resilient infrastructure projects
- Competitive, risk-informed projects
- Build capacity and capability
- Support building code efforts

Since 2009, FEMA has received approximately $1 billion in Pre-Disaster Mitigation grant appropriations, of which 48% has been in the last 2 years.

Average amount from 2009-2016: $56M/year.

Funds will vary based on disasters. FIMA estimates that annual funds will average $300-500M per year, with significantly greater amounts following years with catastrophic disasters.
BRIC Program Design Process

Stakeholder Engagement

- Research
- Policy Development
- Public Comment thru Federal Register
- Notice of Funding Opportunity Development
- Grant Application Period Opens
Thank you!

#ASFPM2019

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HMA Help: HMAProgram@fema.dhs.gov | 1-888-222-3580
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