


# HAZARD MITIGATION GRANT PROGRAM (HMGP) DR-4301 & DR-4305 APRIL 2017

# WHAT IS A HAZARD MITIGATION PLAN?

A plan prepared by a community that addresses how that community will lower its risk and exposure to disasters.

Main components:

1. Planning Process
2. Risk Assessment 
3. Mitigation Strategy
4. Plan Maintenance
5. Adoption and Submission

Impact →	1	2	3	4	5
Probability ↓	Negligible	Minor	Moderate	Significant	Severe
(81-100)%	Low Risk	Moderate Risk	High Risk	Extreme Risk	Extreme Risk
(61-80)%	Minimum Risk	Low Risk	Moderate Risk	High Risk	Extreme Risk
(41-60)%	Minimum Risk	Low Risk	Moderate Risk	High Risk	High Risk
(21-40)%	Minimum Risk	Low Risk	Low Risk	Moderate Risk	High Risk
(1-20)%	Minimum Risk	Minimum Risk	Low Risk	Moderate Risk	High Risk

# WHY SHOULD I HAVE A HAZARD MITIGATION PLAN?

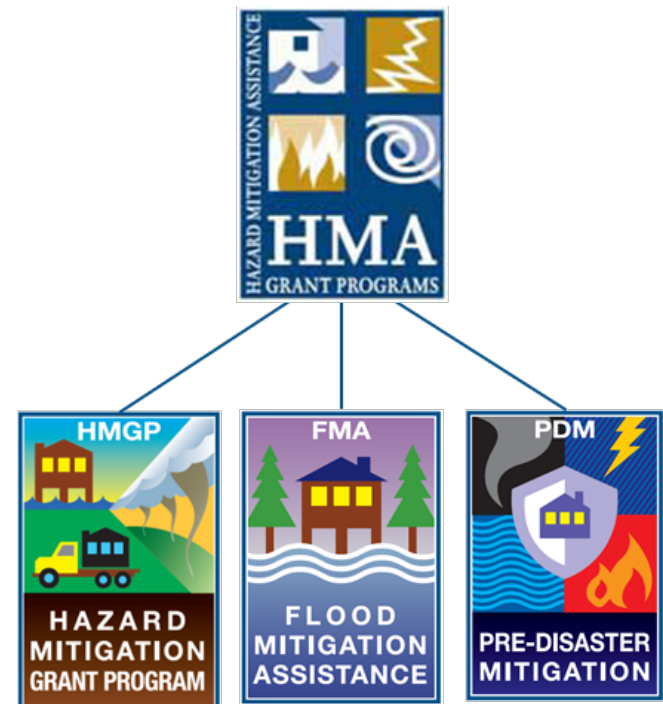
- The Stafford Act requires **state, tribal, and local** governments to develop and adopt a hazard mitigation plan as a condition for receiving these programs:
  - Public Assistance Categories C-G (Roads and Bridges, Water Control Facilities, Buildings and Equipment, Utilities and Parks, Recreational, and Other)
  - Fire Management Assistance Grants
  - Hazard Mitigation Grant Program
  - Pre-Disaster Mitigation Program
  - Flood Mitigation Assistance Program

# WHY SHOULD I HAVE A HAZARD MITIGATION PLAN?

- Plans are **not** just a mechanism to get funding.
- Mitigation plans help:
  - Identify and reduces risks and vulnerabilities
  - Increase education and awareness of hazards
  - Build partnerships for risk reduction
  - Identify long-term strategies for protecting people and property
  - Develop implementation approaches for mitigation action
  - Identify potential funding sources
- Plans **break the cycle** of disaster damage, reconstruction, and repeated damage.

# MITIGATION FUNDING SOURCES

- Hazard Mitigation Grant Program (HMGP)
  - Available to affected communities after a major disaster is federally declared.
    - Project Grants (mitigation construction grants)
    - Planning Grants (7% available for mitigation planning)
- Pre-Disaster Mitigation – Competitive (PDM-C)
  - Nationally competitive program – available to State, Tribal and Local governments nationwide.
    - Project Grants (mitigation construction grants)
    - Planning Grants (mitigation planning only)



# IMMEDIATE NEEDS FUNDING



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GOVERNOR'S OFFICE  
OF EMERGENCY SERVICES

Well-developed, shovel-ready projects that implement a standalone, long-term risk reduction solution to a flood or erosion problem



# ELIGIBLE PROJECT TYPES



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- Culvert upsizing
- Erosion control
- Flood control
- Drainage improvements
- Elevations and acquisitions
- Floodproofing
- Green infrastructure
- Floodplain and stream restoration
- Flood diversion and storage
- Aquifer storage and recharge



# REQUIREMENTS



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- Must be a local community or government
- Approved Local Hazard Mitigation Plan
- Cost beneficial (Benefit Cost Analysis of 1.0 or over)
- 25% local match
- Up to \$3M Federal Share
- Must obtain environmental clearances
- No construction prior to FEMA/Cal OES approval



# TRADITIONAL FLOOD MITIGATION



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## *Elevation*



## *Drainage Improvement*



## *Erosion Control*



# CLIMATE RESILIENCY MITIGATION ACTIONS (CRMA)



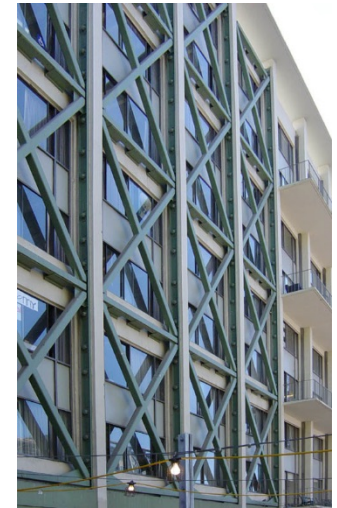
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- Green infrastructure
- Aquifer storage and recovery
- Flood diversion and storage
- Floodplain and stream restoration



# OTHER PROJECT TYPES

- Funds will be available for all hazards (seismic, wildfire) and plans at a later date through the Notice of Interest (NOI) process
- Project types include:
  - Seismic retrofit
  - Ignition resistant materials
  - Hazardous fuels reduction
  - Other innovative project types



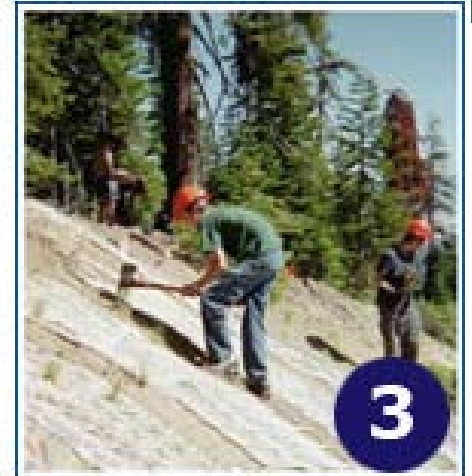
# INNOVATIVE MITIGATION ACTIONS



**Hazardous fuels reduction**



**Logjam**



**Jute netting**

1. Hazardous Fuels Reduction - prevents wildfires
2. Logjam - deflects river flow to prevent erosion
3. Jute Netting - helps control erosion and reduces risk of landslides

# QUESTIONS?



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