

THE RISK IS REAL

# Mitigation Works



## 2008 Homeland Security Science & Technology Stakeholders Conference

FEMA Mitigation Directorate Overview



# FEMA

# FEMA Responsibilities

## 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

# Hurricane Mitigation



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# Flood Mitigation



# Earthquake Mitigation



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# Tornado Mitigation



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# Mitigation Breaks the Cycle

**Breaking the cycle of hazard-related damage and rebuilding**



**FEMA**

# The Mitigation Mission

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## Our Value to Society

- 1. Create safer communities by reducing loss of life and property**
- 2. Enable individuals to recover more rapidly from floods and other disasters.**
- 3. Lessen the financial impact of disasters on the Treasury, states, local and tribal communities, and most importantly our citizens.**





# FEMA's Mitigation Directorate

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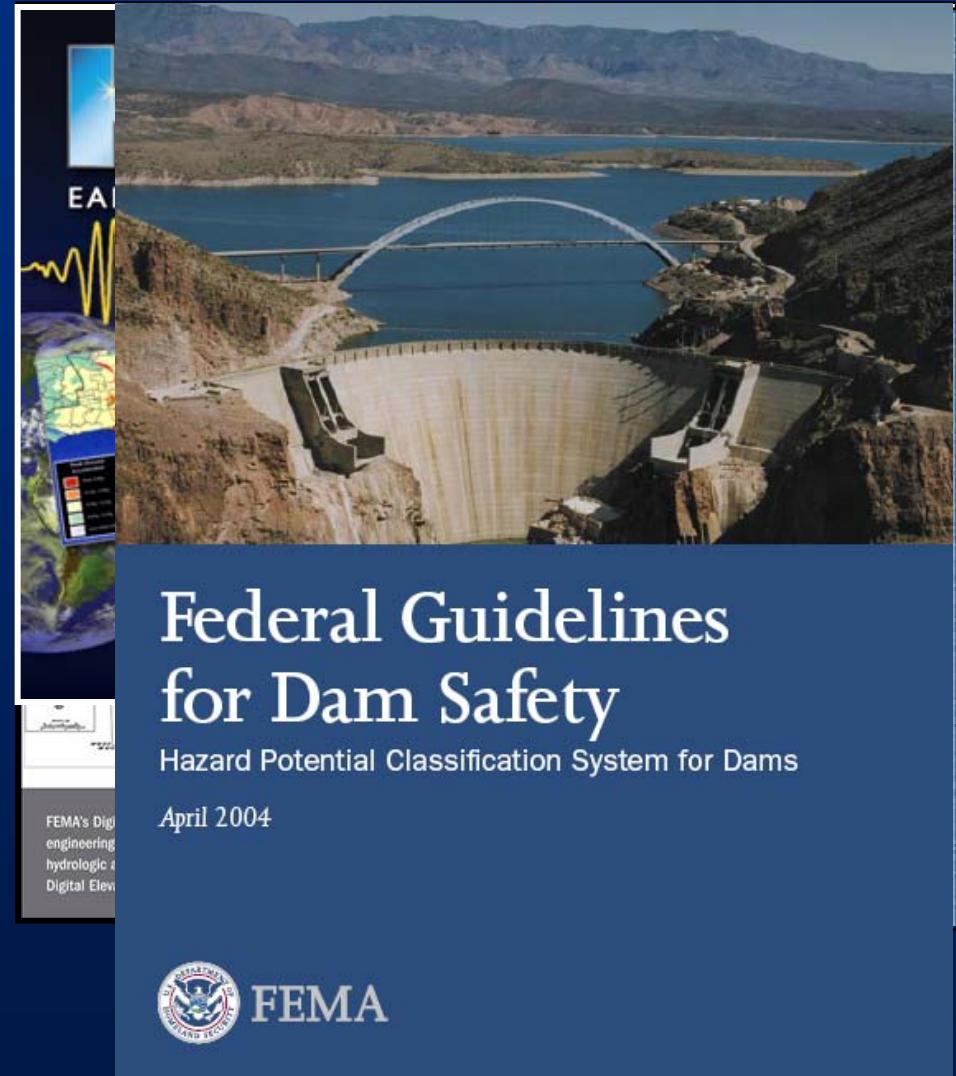
## Three main components:

- **Risk Analysis:** applies engineering, planning, and advanced technology to develop strategies to manage the risks associated with natural hazards
- **Risk Reduction:** works to reduce risk to life and property through land use management, sound building practices, and mitigation projects that address risks in both the existing built environment and future construction
- **Risk Insurance:** protects investments by insuring flood prone structures



# Risk Analysis: Informed Risk Decisions

- Flood Hazard Mapping
- HAZUS-MH loss estimation software
- National Hurricane Program
- National Dam Safety Program
- Mitigation Planning



# Risk Reduction: Minimizing Future Damage

Grants for mitigation plans and projects:

- Hazard Mitigation Grant Program
- Pre-Disaster Mitigation Program
- Flood Mitigation Assistance Program
- Repetitive Flood Claims Program
- Severe Repetitive Loss Program



**FEMA**

# Risk Reduction: Minimizing Future Damage

- Floodplain Management
- Disaster Resistant Building Practices
- Mitigation Projects
- Other Programs



# **Risk Insurance:** protecting investments by insuring flood prone structures

- Nation's largest single-line property insurance carrier, with over a trillion dollars in insured assets and over 5.5 million policyholders in 20,400 communities.
- Sets underwriting and claim policies to sell and service the National Flood Insurance Program (NFIP) policies by the insurance industry.



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# Environmental and Historic Preservation

- Integrates the protection and enhancement of environmental, historic, and cultural resources in FEMA programs and activities.
- Provides environmental and historic preservation technical assistance





# Conclusion – What is Mitigation?

- **Reduce loss of life and property**
- **Minimal disruption of individual lives**
- **Reduced financial burden**
- **Mitigation is worthwhile**
- **Mitigation is not difficult.**
- **FEMA has tools to help**





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