



MITIGATION Outlook

"taking action today to reduce the effects of tomorrow's disasters!"

Mitigation Office
Arizona Division of Emergency Management (ADEM)

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MITIGATION BASICS

Mitigation is the effort to reduce loss of life and property by lessening the impact of disasters. By identifying the hazards, vulnerabilities and risks in a community, mitigation measures can be developed and implemented which will reduce the long-term risk to people, property and the impact to the economy.

Hazard mitigation planning is the process state, local, and tribal governments

use to identify risks and vulnerabilities associated with natural disasters, and develop long-term strategies for protecting people and property in future hazard events. This process results in a mitigation plan that offers an implementation strategy for breaking the cycle of disaster damage, reconstruction, repeated damage, and a framework for developing feasible and cost-effective mitigation projects.

Under the Disaster Mitigation Act of 2000 (Public Law 106-390), state, local and tribal governments are required to develop a multi-hazard mitigation plan as a condition for receiving disaster assistance funds.



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FLOOD & STORM DAMAGE PREVENTION



Severe storms that can produce flooding, high winds and heavy snows are the most common weather threats in late winter and early spring.

FEMA recommends doing the following before disaster strikes:

- Reinforce garage doors to withstand high winds.
- Install backflow valves in waste lines to prevent contamination and physical damage in the event of flooding.
- Remove old shingles and add more nails to roof boards to protect against high winds.

- Elevate electrical panels, fuse boxes, and heating and air conditioning controls above the flood plain.
- Secure manufactured homes to a concrete foundation to protect against floods or earthquakes.

Read about the Flood Mitigation Assistance (FMA) Program at <http://www.fema.gov/government/grant/fma/index.shtm>

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FAREWELL AND WELCOME

We are sad to announce that Mimi Diaz, Hazard Mitigation Grant and Flood Mitigation Assistance (HMGP/FMA) Program Manager has left the Mitigation Office. Mimi did an outstanding job and was a valuable asset to the Arizona Division of Emergency Management (ADEM). Mimi joined the Arizona Geological Survey on March 26. She will be missed.



Welcome Bob Kimmell! Bob is the new HMGP/FMA Program Manager. He is retired from the Arizona Army National Guard and was previously employed with Arizona Department of Homeland Security. His experience will ensure continued excellence in the Mitigation Office.

PDM-C APPLICATIONS SUBMITTED

On February 5, 2007, nine Arizona projects were submitted to be funded under Pre-Disaster Mitigation C (PDM-C) totaling over \$4.6 million dollars. The Mitigation Office will be notified by FEMA in May/June if the following projects have been approved or denied:

- Town of Snowflake Flood Control Project
- Rio Rico Drive Slope Stabilization in Santa Cruz County
- Marana Wastewater Treatment Facility Bank Protection in Pinal County
- 2007 Local Multi-Hazard Mitigation Planning
- Pinal County Aravaipa Acquisition
- 2007 Upgrade to State Multi-Hazard Mitigation Plan
- Windsong Drive Box Culvert in Sedona
- Pendleton Drive/Sonoita Creek Ridge in Santa Cruz County
- Oak Creek Bridge on SR 179 at Tlaquepaque in Sedona

For additional information about the Pre-Disaster Mitigation Program, please contact Darlene Trammell or visit the FEMA web site at <http://www.fema.gov/government/grant/pdm/index.shtm>.

HMGP APPLICATIONS DUE IN APRIL

The Hazard Mitigation Grant Program (HMGP) provides grants to states and local governments to implement long-term hazard mitigation measures after a major disaster declaration. The purpose of the HMGP is to reduce the loss of life and property due to natural disasters and to enable mitigation measures to be implemented during the immediate recovery from a disaster. The HMGP is authorized under Section 404 of the Robert T. Stafford Disaster Relief and Emergency Assistance Act.



The HMGP application deadline is April 24, 2007. The six-month estimate of federal funding available for the

HMGP under FEMA-1660-DR-AZ (2006 Monsoon Flooding) is \$1,077,521. The estimate includes funds that may be used for regular projects, 5% initiative projects, and 7% for mitigation planning.

This calculation is based on the best available data and will be refined as the disaster assistance programs are processed. Note that the HMGP funding estimate may increase at the final, twelve-month lock-in, scheduled on September 7, 2007 (12 months from declaration).

For additional information about the HMGP program, please contact Bob Kimmell or visit the FEMA web site at <http://www.fema.gov/government/grant/hmgp/index.shtm>.

RFC PROGRAM

The Repeat Flood Claims (RFC) Program is a relatively new program from FEMA. This program provides up to 100% federal funding to acquire homes that 1) are currently insured through NFIP, and 2) have filed at least one flood claim through that insurance. Jurisdictions wishing to apply for this funding must either be unable to provide the 25% match required by FMA or unable to administer the grant (e.g., an unincorporated communities). For additional information about the RFC Program, please contact Bob Kimmell or visit the FEMA web site at <http://www.fema.gov/government/grant/rfc/index.shtm>.

FMA PROJECT GRANTS

The Flood Mitigation Assistance (FMA) application deadline was February 28, 2007. There is approximately \$166,000 available in project grants, \$18,000 in technical assistance grants, and \$17,000 for planning. The Arizona Department of Emergency and Military Affairs (DEMA) has applied for FMA funds for their Silverbell Facility in Marana which was damaged by flood waters during the August 2006 monsoon disaster, in addition to two flood control projects in Sedona.

For additional information about the FMA Program, please contact Bob Kimmell or visit the FEMA web site at <http://www.fema.gov/government/grant/fma/index.shtm>.



Local mitigation plans must be updated and re-approved by FEMA every five years.

WANTED!

We want you to share your community's completed and ongoing mitigation project stories to be featured in the *Mitigation Project Spotlight* as well as the *Mitigation* section of ADEM's web site. **Submissions are due the last Monday of each month.** Please contact Nenetta Alfonte for more information.

APPROVED PLANS



The Disaster Mitigation Act of 2000 requires all states, tribal governments and local jurisdictions to have a FEMA approved multi-hazard mitigation plan to be eligible for certain federal disaster funds. The *State of Arizona Multi-Hazard Mitigation Plan* was approved by FEMA November 9, 2004 and is currently being revised to comply with the three-year update requirement that applies to state and tribal level plans. To ensure total compliance in Arizona, we have applied for and received federal grants for developing plans throughout the state. These efforts along with the efforts of local communities have resulted in the approval of 74 of our 90 incorpo-

rated jurisdictions, all 15 counties and six tribal governments. Five local plans have been submitted to FEMA and are awaiting approval and three local communities are close to submitting their plans. ADEM is also currently working with six tribal governments to assist them in developing their multi-hazard mitigation plans. We continue to apply for additional planning grants, and ADEM will meet the 25% match requirement on behalf of those jurisdictions still in need of a plan.

For additional information about Mitigation Planning, please contact Sue Wood or visit the FEMA web site at <http://www.fema.gov/plan/mitplanning/index.shtm>.

MITIGATION PROJECT SPOTLIGHT



The Calle Azulejo mitigation project has been completed in Rio Rico, Arizona, just north of Nogales. This flood control project combined a metered-flow detention basin with inverting the crown on Calle Azulejo to provide a drainage pathway for floodwater, thus, protecting people, homes and infrastructure. Santa Cruz County Flood Control District was awarded HMGP funding for this project.



Calle Azulejo Project

For the period of 2000-2006, there has been 30 flood control projects completed statewide.

Currently, there are six FEMA approved ongoing mitigation projects and two projects undergoing environmental review.

THE MITIGATION STAFF

Welcome to the first issue of the Mitigation Outlook! The following is the new staff listing as a result of reorganization in late 2005:

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