

STATE OF ARIZONA



MAP MODERNIZATION MANAGEMENT SUPPORT BUSINESS PLAN FY2005



BACKGROUND

The two primary purposes of floodplain management are to reduce the damage and disruption caused by floods and to protect the natural resources and functions of floodplains. The National Flood Insurance Program (NFIP) is the core component in Arizona's floodplain management program. The Arizona Department of Water Resources (ADWR) is the State of Arizona's (State) coordinating agency for the NFIP and is responsible for completing the following objectives outlined in the Community Assistance Program – State Support Services Element (CAP-SSSE):

- Technical assistance to local governments and property owners;
- Monitoring local floodplain management programs;
- Educating and training local officials and other professionals; and
- Coordination and participation in the Arizona Floodplain Managers Association (AFMA) and the Association of State Floodplain Managers (ASFPM).

Vision for supporting Multi-Hazard Flood Map Modernization

Current efforts by the State to support the Federal Emergency Management Agency's (FEMA) Map Modernization program have been to act as a point contact at the State level and to provide communication to FEMA Region IX and its mapping contractor on mapping needs in Arizona communities.

Flood hazard data – The State has a Multi-Hazard Mitigation Plan drafted by the Arizona Division of Emergency Management (ADEM), which identifies the flood hazard risks in Arizona. In addition, many NFIP participating communities are conducting current studies throughout Arizona. However, the ADWR currently does not have the staffing resources to participate in the collection of flood hazard data.

Flood hazard mapping –ADWR has not recently participated in the development of hazards associated with flood mapping.

NFIP activities – ADWR is the State's coordinating agency for the NFIP. Activities include ordinance review, providing technical assistance, training and conducting Community Assistance Visits (CAVs). Other activities include, but are not limited to, the development of State Standards, which addresses the State's unique geography and participation in AFMA.

The State's goal is to promote the development of flood hazard maps utilizing a multi-hazard approach to floodplain management.

Needs and Plan/Strategy

The State recognizes the need for the Map Modernization Management Support (MMMS) program. In support of this program and if funding were provided, the State would hire staff as the MMMS coordinator. Staff would work in conjunction with the State NFIP coordinator to assist in identifying the needs of the state and local communities. The MMMS coordinator would be responsible to manage the list of proposed activities identified below.

ADWR would be responsible to assure that all NFIP participating communities would provide information in a timely manner. All reporting would meet the MMMS grant requirements outlined in the guidance document for federal fiscal year 2005.

ACTIVITIES

A. Digital Base Map Data Sharing

The State would coordinate with local communities to support the production of the DFIRMs. The information provided and produced from these base maps would be shared by all the NFIP participating communities in the State.

B. Assessment of Community Mapping Needs/Partnership Building

The State would coordinate with local communities to assess their mapping needs. This would be accomplished by meeting with communities, workshops, conferences and CAVs. During these meetings, the State would promote partnership building among local communities for information allocation and sharing success stories. The type of information may include current zoning and land use data, repetitive loss data, unsafe dam data, existing and proposed development information, and critical infrastructure information.

C. Outreach and Training

Develop and conduct training to local communities in support of the MMMS program. This could include activities such as creating a website, informational brochures, public service announcements, working with multi-media outlets and distributing material at public meetings.

D. Support ADWR's Office of Water Engineering Mapping

Providing data collection and analysis to assess community-mapping needs by identifying potential areas of unstudied risk. This could include an evaluation for developing technical standards or processes appropriate for local conditions (dams, alluvial fans) for NFIP flood mapping purposes.

Performance Goals and Schedule Measures

ACTIVITY	STATE BENEFIT	MMMS SUPPORT	MEASURES
(A) Digital Base Map Data Sharing	Provides uniform information to all participating communities.	Meets guidelines for flood mapping partners.	Percentage of participating NFIP communities that submit information versus requested.
(B) Assessment of Community Mapping Needs/Partnership Building	Identifies the mapping needs. Strengthens partnerships between State and local communities.	Provides a mechanism for prioritizing mapping projects within the State and Region IX.	Percentage of communities that had mapping needs input to MNUSS database. How many communities participated.
(C) Outreach and Training	Maximizes State resources and provides leadership for the community.	Increases the probability of being on time and within budget.	Identify and evaluate whether the needs of the local communities are met.
(D) State of Arizona's Office of Water Engineering	Improves public safety by identifying multi-hazard risks.	Provides more detailed risk information to the State and local communities in a digitized format.	For assessment or development of technical standards or processes.

Funding Structure

- a) The following accomplishments could be expected given the following funding scenarios (FY05-FY08):
 - i. Full – with an estimated \$480,000 (\$120,000 per fiscal year) received from the MMMS grant, the State could hire one additional staff member to conduct the following projects:
 - A. Digital Base Map Data Sharing.
 - B. Assessment of Community Mapping Needs/Partnership Building.
 - C. Outreach and Training.
 - D. Support ADWR’s Office of Water Engineering Mapping.

The above listed activities also require equipment and travel needs.

- ii. Medium – with 2/3 full funding or \$320,000 (\$80,000 per fiscal year) received from the MMMS grant, the State could hire one additional staff member to conduct the following projects:
 - A. Digital Base Map Data Sharing.
 - B. Assessment of Community Mapping Needs/Partnership Building.
 - D. Support ADWR’s Office of Water Engineering Mapping.

The above listed activities also require equipment and travel needs.

- iii. Low – with 1/3 of full funding or \$160,000 (\$40,000 per fiscal year) received from the MMMS grant, the State would not have sufficient funds to effectively implement any of the activities.
 - iv. State of Locally Funded – without Federal funding, the State would not be able to effectively implement any of the activities and therefore not participate in the MMMS program.

- a) How will the FEMA funding fill the shortfalls identified in Section II?

Federal funding through the MMMS grant would provide the necessary resources for the State to participate in the MMMS program and thereby accomplish the stated goals in this report.

- b) State Funding

Currently, the State is unable to provide financial support for MMMS program. However, if adequate Federal funding is provided through the MMMS grant, the State would be able to secure additional staffing.