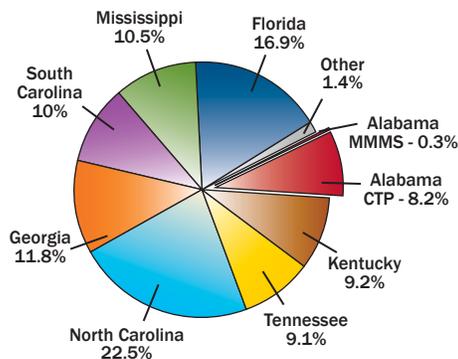


Alabama MMMS – Business Plan Summary

Data based on information provided by the The State of Alabama Office of Water Resources dated August 31, 2006 and other FEMA sources

REGIONAL AND STATE VIEW

Federal FY06 Region IV Funding Distribution Total \$36,304,423



Source: State percentage received of total FY06 Flood Map Modernization Regional production budget according to internal FEMA procurement data (PALT). Alabama 8.5%

PURPOSE OF BUSINESS PLAN SUMMARY

The Map Modernization Management Support (MMMS) Business Plan Summary was compiled by reviewing the Federal Fiscal Year (FY) 2005-2009 MMMS Business Plans and FY 2007 updates.

These business plans were submitted to the Department of Homeland Security's Federal Emergency Management Agency (FEMA) by FEMA's MMMS partners.

The spring 2007 Business Plan Summary is being published at the crossroads of FEMA's mid-program evaluation and the end-state conditions of Map Modernization. This year, the summary reflects the MMMS partners' approach to and the effects of FEMA's mid-course adjustment, in addition to outlining their accomplished and planned MMMS activities, highlighting the MMMS partner's approach to meeting the goals of and program vision for Map Modernization. FEMA's mid-course adjustment is a redirection of improving and updating the Nation's flood hazard identification maps. FEMA will now focus on developing flood

maps that meet new higher standards for mapping and for a greater allocation of resources to those communities at greatest flood risk. The "end state conditions" refer to how successful the flood mapping effort is at the end of Map Modernization in FY 2010.

STATE VISION FOR MAP MODERNIZATION AND IMPLEMENTATION

The vision of the Alabama Flood Map Modernization Program (AFMMP) is to create a proactive, continuously improving and evolving process of floodplain management, including floodplain mapping through effective leadership, professional excellence, and local empowerment.

The mission of the AFMMP is to make Alabama and its citizens less vulnerable to the impact of flooding through the effective administration of statewide floodplain management and to provide local communities with the tools and resources for managing, assessing, and planning for development in floodprone areas; to save lives, and to protect property.

EFFECTS/APPROACH OF/TO MIDCOURSE ADJUSTMENT

After three years of Map Modernization, the AFMMP has achieved the key performance indicators (KPIs) of the FEMA program. In response to the mid-course adjustments suggested by FEMA and in accordance with Region IV guidance, the AFMMP will work to improve the quality of the floodplain mapping in the state. The success of the AFMMP is contingent on the receipt of adequate funding from our federal partners. Approximately \$4 million per year is requested from FEMA for the AFMMP, while state funding of approximately \$800,000 per year is expected.

MAP OF EFFECTIVE DFIRMS



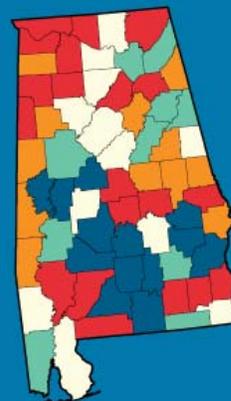
LEGEND

Map of Effective DFIRMs



Source: FEMA Regional Flood Study Sequencing by County – March 2007

MAP OF PRELIMINARY DFIRMS



LEGEND

Map of Preliminary DFIRMs



Source: FEMA Regional Flood Study Sequencing by County – March 2007



FEMA

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SIGNIFICANT ACCOMPLISHMENTS AND STRENGTHS OR SUCCESS STORIES

The state of Alabama has taken a unique approach to floodplain management by combining several FEMA and state programs. With the transition of the National Flood Insurance Program (NFIP) from the Alabama Emergency Management Agency (EMA) to the Office of Water Resources (OWR) in June 2002 and with the establishment of the AFMMP, Alabama has established a proactive environment for managing flood related issues and concerns in the state. The state has enhanced its technical capabilities by adding staff members who provide assistance to the State NFIP Coordinator's Office. The able AFMMP staff consists of engineers, Geographic Information System (GIS) specialists, engineers, and administrative support personnel for the AFMMP.

SIGNIFICANT COOPERATIVE EFFORTS WITH PARTNERS

The state's ability to plan for flood hazards and mitigation begins with accurate, updated flood maps. For years, planning has been hindered by funding and time constraints placed on the system. Implementation of Map Modernization will include prioritization for mapping of areas of high growth, high population densities, excessive repetitive loss claims, higher NFIP policy bases, and ability to leverage resources. In support of this initiative, Alabama has created the AFMMP and is committed to its successful operation. As a mapping state, Alabama has assumed responsibility for the technical accuracy of the Flood Insurance Rate Maps and the associated political implications.

IMPEDIMENTS TO MAP ADOPTION

Solutions to the impediments to adoption are: Monitor and track adoption process; Contact community to confirm receipt of Letter of Final Determination; Provide copy of the NFIP regulations, model ordinance, and a Point of Contact for assistance in the development of an ordinance and adoption of the DFIRMs in a timely manner; Maintain a monthly contact with community via email, letter and phone providing technical support as needed; Assist community in ordinance development briefings for elected officials or other tasks to achieve compliance; Enter community compliant ordinance date into the Community Information System (CIS); Initiate suspension for noncompliant communities; and, Run a bi-weekly CIS report for status of communities regarding 90/30 day suspension letters.

UNMET NEEDS OF ALABAMA'S MAP MODERNIZATION PROGRAM

It is known, but not quantified at this time, that a portion of the studies in the prioritized counties do not meet the 2005 Floodplain

Boundary Standard and that the engineering analysis used for some of these studies will not be valid or will require some type of update. There are also significant unmet needs that were discovered in the mapping process that were not included in the Mapping Needs Update Support System updates performed at the scoping phase. OWR has requested MMMS funds for FY06 to catalog these needs. It is estimated that OWR will require \$10,746,600 to address the mapping needs in the seven affected counties. This is a first attempt at quantifying unmet needs for the most populous areas in Alabama. OWR has requested MMMS funding to assist with a more detailed estimate of these projects. Subsequent business plan updates will refine these estimates.

LEVEE STRATEGY

The extent of floodplain mapping that is impacted by levee systems in Alabama is limited. OWR intends to work with the Tennessee Valley Authority and the United States Army Corps of Engineers to develop a composite list of levees and levee systems in Alabama that do impact floodplain mapping. The information developed will include structure history, maintenance overview, and responsible authority. OWR will include a detailed list of levees and the strategy for complying with requirements of 44 CFR 65.10 in the FY07 business plan update. Scoping activities for counties with levee systems that impact Special Flood Hazard Areas will include developing strategies to meet the requirements of 44 CFR 65.10.

MMMS ACTIVITIES PLANNED FY07

OWR's strategy for updating Alabama flood maps is supported by strong program management and project management, internal technical capability, appropriate use of external technical capabilities, and other specific activities and programs that support Map Modernization. Examples of specific activities that are used and will continue to be used to support Map Modernization are:

- Public outreach and technical assistance to citizens and local governments to ensure that maps are accurate and that they are adopted
- Comprehensive QA/QC plans
- Continued efforts with partners such as FEMA Region IV to ensure that AFMMP goals align with and meet federal and regional goals
- Training state and local officials through curriculum developed under federal FEMA competitive grant