FEMA’s Flood Mapping Program: Opportunities, Enhancements and Expectations for the Future

Association of State Floodplain Managers Conference
June 21, 2016
Mapping and Flood Insurance Reforms

- Flood insurance reform legislation included several mapping-related provisions:
  - Biggert-Waters Flood Insurance Reform Act of 2012 (BW-12)
  - Homeowner Flood Insurance Affordability Act of 2014

- Mapping requirements included:
  - Enhanced coordination and outreach with communities before and during mapping activities
  - Providing monthly updates to Congress on flood mapping activities
  - Establishing a Technical Mapping Advisory Council
Mapping requirements from legislation

- FEMA has made significant progress implementing the mapping-related provisions of BW-12 and HFIAA

**Completed**
(Some require on-going reporting or regulatory cleanup)

- §215 TMAC
- §217 Scope of Appeals
- §218 Scientific Review Panel
- §219 Limitation on state contributions for updating maps
- §220 Budget Crosscut and Interagency Coordination
- §226 Flood Protection Structure Accreditation Task Force
- §229 Local data requirement
- §231 Study and Report on graduated risk
- §19 Flood Protection Systems
- §22 Exemption from fees for certain map change requests

**In Progress**

- §216, §27 and §30 National Flood Mapping Program
- §246 and §18 Reimbursement of certain expenses
- §17 Certification
The TMAC was established in 2014 to provide recommendations to the mapping program

The TMAC is charged with reviewing the national flood mapping activities authorized under the law and has prepared recommendations to the FEMA Administrator

Federal Members (4)
- FEMA Administrator, or designee
- Secretary of Interior, or designees
- Secretary of Agriculture, or designee
- Undersecretary of Commerce of Oceans and Atmosphere, or designee

FEMA Administrator’s appointed members (16) from the following professional organizations:

- Surveying
- Mapping
- Engineering
- Flood Determination
- United States Geological Survey
- State geographic information
- Corps of Engineers
- Storm water management
- 2 State Cooperating Technical Partners
- 2 Local Cooperating Technical Partners
- Floodplain Management
- Risk Management
- State Mitigation Officer
The TMAC’s 2015 Annual Report includes 22 recommendations:

- Credible Flood Data
- Digital Delivery and Inventory
- Customer Oriented Products
The 2015 Future Conditions Report includes 7 overarching recommendations
TMAC’s Recommendations: Receipt, Analysis, Response

- Held FIMA-wide assessment session
- Briefed FEMA Leadership
- Created integrated, repeatable process for evaluating and implementing TMAC recommendations on an annual basis
  - Detailed evaluation and analysis of each recommendation within Risk Management Directorate to determine priorities, investments, and sequencing
- Process has informed FEMA’s formal response to TMAC recommendations, anticipated for delivery to Congress and OMB later this summer
2016 Implementation Timeline

**FEMA and TMAC Activities in 2016**

**FEMA**
- RMD Workshop
- NFIP Customer Centric Reset
- FIMA Next
- FY17 POTUS Budget
- May Guidelines & Standards
- FY17 Appropriations FY18 Budget Process Begins
- November Guidelines & Standards

**TMAC**
- Submissions of 2015 Annual and Future Conditions Reports
- Review Flood Mapping Program Description
- Review Report to FEMA Administrator
- 2016 Annual Report

**FEMA ADMINISTRATOR**
- Report to Congress & OMB on FEMA's Response to TMAC Recommendations
- Administrator Considers HFIAA Section 17 Compliant Certification

Congressional Reauthorization Efforts

NFIP Reauthorization
2016 Mapping Priorities

- New, Validated, and Updated Engineering
- Increase LiDAR purchases
- Increase assessment of flood hazard miles
- Modernize paper map inventory
- Large scale automated engineering
- NFIP reform & TMAC recommendations
Looking Ahead

2016 TMAC Reports and Recommendations

Policyholder Customer Experience (Risk Rating Redesign, communicating map changes)

Community Customer Experience

Transforming National Flood Insurance