



FEMA Mapping Program Update

2017 NAFSMA Annual Meeting

June 28, 2017

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FEMA

Risk Management's Common Purpose

- We are a catalyst for a safer nation
- We engage and provide actionable information to empower and motivate communities to own their evolving risk



In alignment with this common purpose, we have also begun the process of developing a 10 Year Risk Management Strategy



FEMA

Risk MAP continues to be a key mechanism for FEMA to achieve its strategic priorities

Through collaboration with State, Tribal, and local entities, Risk MAP will deliver quality data that increases public awareness and leads to action that reduces risk to life and property



FEMA

Change Efforts Reshaping the Flood Mapping Program



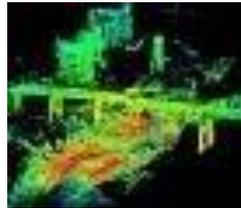
Risk MAP Progress

Credible Data



New, Validated, and Updated Engineering

Mapping Projects



Increasing LiDAR and map modernization

Risk Communications



Focusing on the Customer's Experience

2017 Risk Management Directorate Priorities



Analyze Hazards

- Improving flood risk data
- Developing a 5 year national mapping plan
- Studying the depth & breadth of urban flooding
- Improving non-regulatory products to address future conditions & structure level risk



Engage

- Transforming Risk Communications
- Facilitating & incentivizing risk informed recovery
- Improving our communication of map changes
- Improving the community customer experience



Assess Risks

- Re-designing Risk Rating



Manage Risk

- Improving hazard mitigation planning effectiveness
- Developing a national mitigation investment strategy
- Improving adoption & enforcement of building codes and higher standards
- Implementing a re-insurance initiative



Business Excellence

- Ensuring HM cadre is ready & capable
- Developing 10 year RM vision & strategy
- Creating strategy for identification & prioritization of partners & organizations most critical to mission
- Setting an RMD organizational foundation around:
 - Improved and agile decision-making and agility
 - Making the predictable, predictable
 - Customer focus
 - Management of risk
 - Explore, Build, Finish

2017 Risk Management Directorate Priorities- Mapping



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5-Year National Mapping Plan



Regional 5 Year Flood Hazard Mapping Plans

- Facilitate Regions gaining input from partners sooner in the process
- Provide partners with a more transparent view of FEMA's mapping priorities
- Lay the groundwork for multiyear planning

Expected fall of 2017



National 5 Year Mapping Plan

- Enable FEMA to prioritize future mapping operations in a more consistent and transparent manner across Regions
- Addresses the TMAC's recommendation

Targeted Spring of 2018



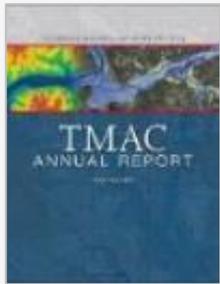
FEMA

FEMA established a consistent process for tracking and reporting progress of implementation

2015

TMAC

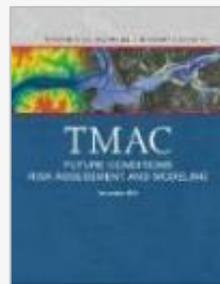
2015 Annual Report



22

Recommendations

Future Conditions Report



7

Recommendations

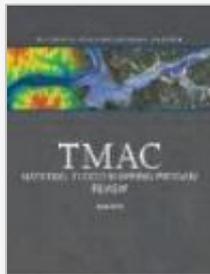
Progress Tracking

Current Status:

- 4 Recommendations Complete
- 18 in Progress

2016

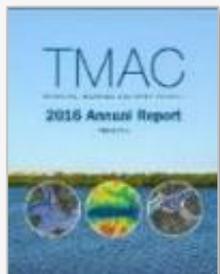
Program Review Report



14

Recommendations

2016 Annual Report



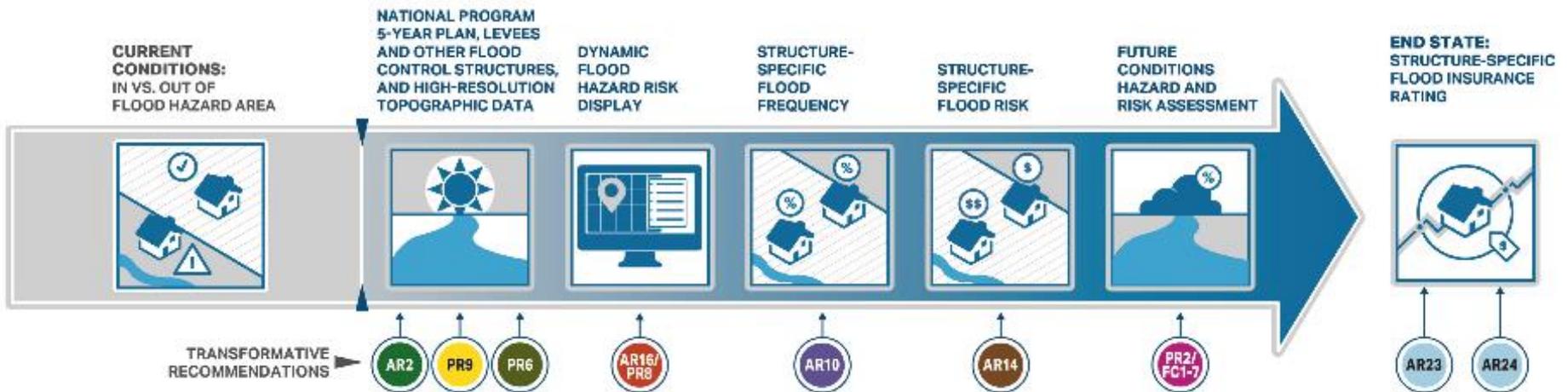
2 Recommendations
+ 28 implementation actions

Assessing

Current Status:

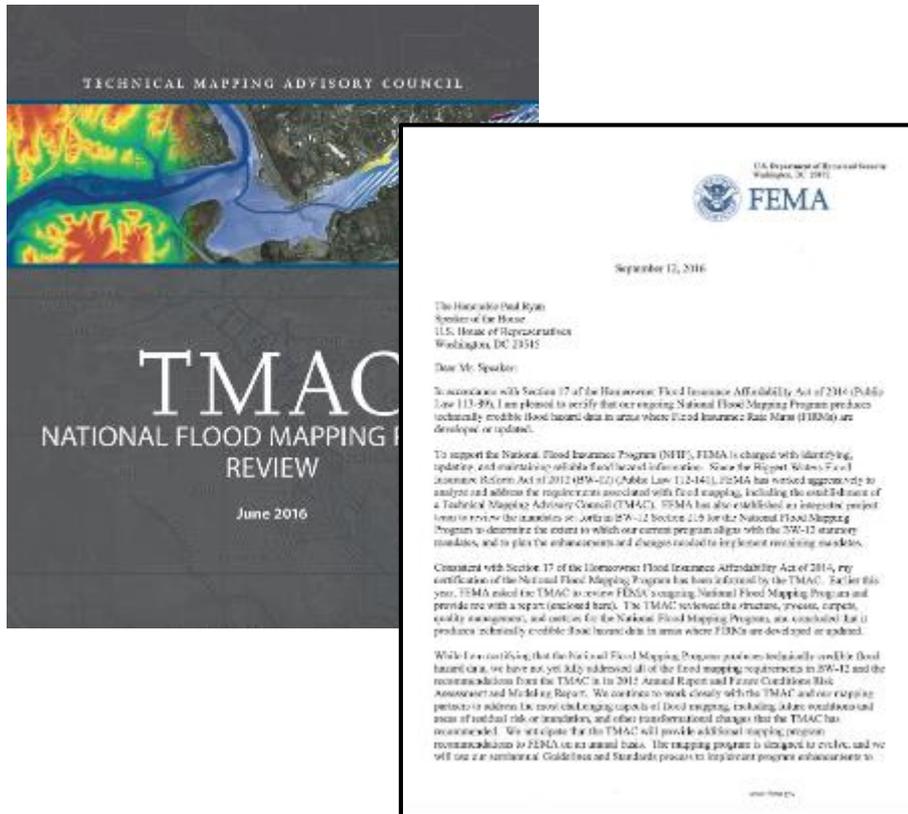
- Assessments Completed
- 2 Implementation Actions Complete
- Completed Assessments inform Priorities and Sequencing

TMAC Transformative Direction



FEMA

Certification of the National Flood Mapping Program



“The TMAC reviewed the structure, process, outputs, quality management, and metrics...and concluded that it produces technically credible flood hazard data in areas where FIRMs are developed or updated.”

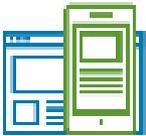
While I am certifying that the National Flood Mapping Program produces technically credible flood hazard data, we have not yet fully addressed all of the mapping requirements in BW-12 and the recommendations from the TMAC...”

- Administrator Fugate to Congress
9/12/2016

Improving Flood Risk Data



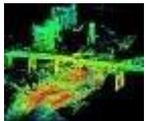
Expanded delivery of flood frequency data



Improve digital delivery and display



Build on technically credible products



Be based on high resolution topography



Inform structure based risk-decision making



Align with and advance NFIP reform and TMAC's recommendations

Looking Ahead

Reauthorization



- ▶ Congress is actively working to reauthorize the National Flood Insurance Program (NFIP) by September 30, 2017

TMAC in 2017



- ▶ Impacts and implications for floodplain management as FEMA transitions away from 1 percent annual chance flood hazard



- ▶ Identifying how to more effectively deliver and communicate areas of residual risk and areas of changing risk due to coastal erosion



- ▶ Perspective on the roles of all players and partners in the field of future conditions



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