Mapping and Engineering Standards Committee Annual Status Report 2020-21
Introduction

The primary mission of the Mapping and Engineering Standards Committee is to provide policy guidance and support for floodplain mapping and engineering issues to foster reduction of future losses, costs, and human suffering caused by flooding. Historically, this committee has had major impacts on FEMA’s Flood Mapping Program, requirements for map modernization, Risk MAP and the National Flood Mapping Program, and addressing technical issues related to flood hazards such as levees and dams.

A subcommittee of Mapping and Engineering Standards focuses on the Cooperating Technical Partner program. This subcommittee is co-chaired by Brooke Seymour with the Mile High Flood District and Darryl Rockfield with the Missouri State Emergency Management Agency. The goal is to help identify mechanisms to measure successes and share best practices among mapping partners.

Key Accomplishments

As we all know this has been a challenging year. The Mapping and Engineering Standards committee has continued to work hard and has accomplished the following:

- Provided comments to FEMA on fall 2020 Guidelines and Standards Update. FEMA maintains standards and guidance on a semi-annual basis to support the National Flood Mapping Program. These updates generally occur in May and November with updates provided in January and July for review and comment. When the notices are received from FEMA, the M&ES Committee distributes the notice and solicits comments from its membership. These comments are consolidated and shared with FEMA.
- Worked to resolve technical and policy issues related to the NFMP through the FEMA Operating Partners. Dave Knipe and Maria Cox Lamm represented M&ES at the November 6, 2020 and March 25, 2021 Operating Partner Meetings and the topics included discussions on new guidelines and standards, Future of Flood Risk Data, 2D modeling, Atlas 14, Community Engagement Prioritization Tool and Automated Map Production.
- Participated in the Technical Mapping Advisory Council and provided input to FEMA regarding National Flood Mapping Program metrics, implementation, policies and products, including future conditions and the impacts of climate change.
- The CTP subcommittee facilitated the exchange of information through the following webinars:
  - New Datums for the Nation – February 24, 2021
  - Using a Depth x Velocity Product in Conjunction with Floodways – October 29, 2020
  - 2D Floodways – Proposed Revisions to FEMA Floodway Guidance – July 14, 2020
  - Coastal Letters of Map Revision – MT-2s – May 12, 2020
  - North Carolina No-Rise Review – March 12, 2020

These webinars can be accessed through the **CTP Information Exchange**.
Priorities

- Continue to participate in partnership meetings, such as Operating Partners and TMAC, to improve the National Flood Mapping Program.
- Work with FEMA and Congress to encourage further development of the CTP program.
- Continue to offer information exchange webinars on issues related to CTPs.
- Work to further the guidance and standards regarding 2D Floodways.
- Work with FEMA to address concerns regarding Automated Map Production