



FEMA



Mapping Information Platform

Overview

Since its initial deployment in June 2004, the Federal Emergency Management Agency's (FEMA) Mapping Information Platform (MIP) has continued to grow and evolve to support the goals of FEMA and other mapping stakeholders.

The MIP provides the latest tools and technology for digital flood map production. FEMA mapping partners can create, validate, store, track and update reliable digital flood data using the MIP workflow process. It also tracks and reports over \$750 million program dollars using Earned Value Management (EVM).

MIP Functions

Workflow

The MIP includes management tools for tracking and reporting study, revision, and amendment project data allowing mapping partners and contractors to better forecast and track their workload and report their progress. The MIP workflow guides users through the flood mapping process, facilitates handoffs between organizations, and provides increased accountability and tracking for the completion of these projects.

In October 2007, FEMA released the newly-redesigned MIP studies workflow to better synchronize the MIP with the real-world process it automates. The changes provide users with more flexibility to determine who completes certain workflow tasks, allows a manager more visibility into the status of work activities, better integrates validation features into the workflow, and reduces unnecessary data entry.

Tools

An essential component of FEMA's mapping program includes promoting an efficient, quality-driven approach to Digital Flood Insurance Rate Map (DFIRM) and DFIRM database production. Watershed Information System (WISE™) software is available to all mapping partners working on FEMA flood studies. WISE tools assist with interactive engineering work. These online tools are provided free of charge to trained mapping partners on the MIP. For more information about accessing the tools and workflow visit <https://hazards.fema.gov> > MIP User Care > Access Requests.

Recent MIP Milestones

Released Service Pack 18, extending the life of the Sequencing Tool to Fiscal Year 2010 and beyond.

Released Service Pack 19, which included changes to the workflow to support the transition from the NSP to the Production and Technical Services (PTS), Program Management (PM) and CDS contractors.

Replaced the outdated QA/QC Pro tool with the new DFIRM Verification Tool (DVT), which provides faster and more accurate results in Service Pack 20.

Released Service Pack 21 which included Procurement Acquisition Lead Time (PALT).

Decommissioned DFIRM Tools.

Completed MIP data center migration from commercial facility to a DHS government facility.

Completed Release 4.1 and associated Service Packs to deploy a new workflow server for Studies, Revisions, and Amendments Projects.

RiskMAP

Increasing Resilience Together

Accessing Flood Data

The Search and Retrieve function allows MIP users the ability to query for Letter of Map Changes (LOMCs) and DFIRM deliverables such as basemap, terrain and coastal analysis, using key word searches. Once the search is conducted users can view the complete metadata record and download the data to their local computer.

The MIP's Map Viewer (<https://hazards.fema.gov> > Map Viewer) shows and allows users to print effective DFIRM data updated to reflect subsequent Letter of Map Revisions (LOMRs). The MIP also provides a Web Map Service (WMS) which allows engineers to display flood hazard data displayed within the Map Viewer as a layer within their own tools and viewers, including Google Earth™.

Accessing Management Data

The MIP Ad-hoc Reporting System (MARS) provides FEMA with an important ability to extract status, earned value (EV) and program metric data entered via the workflow to support tracking, status reporting and program management. MARS includes scheduling and e-mailing features that allow FEMA and regions to routinely distribute specific reports to mapping partners and other stakeholders that do not have direct MARS access.

MIP User Care

In the fall of 2007, FEMA added the MIP User Care tab to <https://hazards.fema.gov> to centralize contact, guidance and best practice information related to the MIP. The MIP User Care tab contains a static area of content, including application news, training material and ongoing user guidance.

MIP Support

Resources available to support MIP users include:

- For general inquiries, users may call the FEMA Map Information eXchange at 1-877-FEMA-MAP
- For technical questions, users may contact MIP Help at miphelp@riskmapcds.com or by phone at 1-877-FEMA-MAP
- For general support or feedback, users may contact their Regional MIP Champion or Black Belt
- MIP User Care tab on <https://hazards.fema.gov> for MIP support contact information, training materials and user guidance documentation

The screenshot shows the Mapping Information Platform (MIP) website. The header includes the title "Mapping INFORMATION PLATFORM" and the FEMA logo. Navigation links include "Log In", "Need an Account?", "FEMA Dictionary", and "MIP Help?". The main navigation bar contains "Home", "Risk MAP", "News & Events", "Tools & Links", "Map Viewer", and "MIP User Care".

The content area is divided into several sections:

- Tools For Professionals:** Includes links for "Learn about eLOMA", "DFIRM Production Tools", and "WISE (includes Scoping Tools)".
- Tips and Tutorials:** Includes links for "How to Read a Flood Map", "Read a Flood Insurance Study", and "Become a Cooperating Technical Partner".
- Questions?:** Provides contact information for technical support, including the phone number 1-877-FEMA-MAP and an email link.
- News and Highlights:** Features a central banner titled "your source for hazard info" with a sub-headline "Transitioning from Flood Map Modernization (Map Mod) to Risk Mapping, Assessment, and Planning (Risk MAP) for multi-hazard risk management" and a "Learn More" link. Below this are several news items with arrows pointing to the right.
- Map Viewer:** A green sidebar containing input fields for "Street:", "City:", "State:", and "ZIP Code:", a "Create Map" button, and a "Proceed to Map Viewer" link.
- MIP User Care:** A sidebar with links for "FAQs", "Access Requests", "Support Requests", and "Training Materials".
- Upcoming Events:** Lists two events: "April 3 - 5 NEDA Conference" and "May 1 - 4 National Flood Conference".
- HMA Grant Programs:** Describes FEMA's Hazard Mitigation Assistance (HMA) grant programs.

The footer of the page shows the date "Wednesday, April 20, 2011" and a note: "Please check this alert section for system status updates and notifications."