



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.

## 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.

## 2008 MIP Milestones

Implemented MIP improvements resulting from the usability assessment of the MIP Studies Workflow

Average number of eLOMAs doubled based on re-evaluation audits for eLOMA

Implemented MIP Ad-hoc Reporting System (MARS) allowing FEMA to run canned reports on demand or as scheduled

Data Quality Initiatives, combined with MARS and MIP acceptance efforts, improve the quality of MIP data

IP stabilization effort upgraded the file server and the Storage Area Network (SAN), allowing for better performance

**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](mailto: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
- *MIP Insider*, [www.mipinsider.org](http://www.mipinsider.org), for recent events, tips and tricks

**Mapping**  
INFORMATION PLATFORM

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Home | Risk MAP | News & Events | Tools & Links | Map Viewer | MIP User Care

Home

**Tools For Professionals**

- » Learn about eLOMA
- » DFIRM Production Tools
- » WISE (includes Scoping Tools)

**More Tools**

**Tips and Tutorials**

- » How to Read a Flood Map
- » Read a Flood Insurance Study
- » Become a Cooperating Technical Partner

**More Tips and Tutorials**

**Questions?**

For general website or tools support, contact a Technical Support Specialist by calling 1-877-FEMA-MAP (1-877-336-2627) or via email.

For questions related to Flood Hazard Mapping, contact a Map Specialist by calling 1-877-FEMA-MAP or via email.

**your source for hazard info**

Transitioning from Flood Map Modernization (Map Mod) to Risk Mapping, Assessment, and Planning (Risk MAP) for multi-hazard risk management.

[Learn More](#)

**News and Highlights**

- » Latest News on the Decommissioning of FEMA's DFIRM Tools
- » Studies Workflow User Open Conference Call - May 2010 TBD
- » Service Pack 21 (SP21)
- » Service Pack 20 (SP20)

**Upcoming Events**

- » May 16 - 21 [ASFPM Annual Conference](#)

Sponsor: [ASFPM](#)  
Oklahoma City, OK

**More Events**

**HMA Grant Programs**

FEMA's Hazard Mitigation Assistance (HMA) grant programs provide funding for eligible mitigation activities that reduce disaster losses and protect life and property from future disaster damages.

[HMA Grant Programs](#)

**Map Viewer**

Street:

City:

State:  ZIP Code:

Select

» Proceed to Map Viewer

**MIP User Care**

- » FAQs
- » Access Requests
- » Support Requests
- » Training Materials

Tuesday, May 25, 2010

- Please check this alert section for system status updates and notifications.