



FEMA

## FEMA DFIRM 101 Workshop

### 50 Minutes – Workshop Part 1

- I. Background (20 minutes)
  - a. Introductions
  - b. Purpose of this Workshop
  - c. National Flood Insurance Program (NFIP)
  - d. Map Modernization Overview/Status
  - e. *FIRMette - Web* and *FIRMette – Desktop*
  - f. FEMA’s Digital Vision
- II. What is a DFIRM? (25 minutes)
  - a. Relationship of FIS Text to Map Panels to DFIRM Database
  - b. Map Service Center (MSC) – Distribution of FEMA products
  - c. National Flood Hazard Layer
  - d. *MapView* –*Web* DFIRM Viewer
- III. Questions and Answers (15 minutes)

### 15 Minutes – Break

### 55 Minutes – Workshop Part 2

- IV. Exploring the DFIRM (20 minutes)
  - a. Making Sense of the DFIRM Data Format/Layers
  - b. Geographic Extent (countywide mapping)
  - c. Database Attributes
  - d. Basemap
  - e. Data Accuracy and Intended Uses of DFIRM Data
  - f. Projection/Datum
  - g. Use with ArcGIS software
- V. Data updates and the NFHL (15 minutes)
  - a. Updates to DFIRM Data/NFHL
  - b. Using the NFHL WMS in Google Earth
    - i. StayDry KMZ
    - ii. FEMA NFHL KMZ
  - c. Other Tools
- VI. Wrap-up (5 minutes)
  - a. FEMA’s Call Center for Mapping Support (800-FEMA-MAP, 877-336-2627)
  - b. Informing FEMA of “New Study” Needs
  - c. FEMA’s Post Map Modernization Strategy
- VII. Questions and Answers (15 minutes)

### 15 Minutes – Post-Workshop Individual Q&A (Optional Attendance)

This workshop is eligible for continuing education credits for annual renewal of Certified Floodplain Manager (CFM) and Geographic Information System Professional (GISP) status. If you are a CFM or GISP and want a *Certificate of Participation*, send a request for a certificate to [erik.balsley@mapmodteam.com](mailto:erik.balsley@mapmodteam.com)

## FEMA Digital Flood Data

Increasing Options with Digital Flood Data - <http://rmc.mapmodteam.com/rmc9/DFIRM101.htm>

Use of Digital Flood Hazard Data - <http://www.fema.gov/library/viewRecord.do?id=3235>

## National Flood Hazard Layer (NFHL) and Digital Flood Insurance Rate Maps (DFIRMs)

National Flood Hazard Layer (NFHL): New Products and Services for FEMA's Flood Hazard Map - <http://www.fema.gov/library/viewRecord.do?id=3286>

NFHL Web Map Service (WMS): Add Flood Hazard Map Layers to Your GIS Applications - <http://www.fema.gov/library/viewRecord.do?id=3292>

*MapView* - Web: View and Print Maps and Reports from the National Flood Hazard Layer - <http://www.fema.gov/library/viewRecord.do?id=3290>

FEMA NFHL - View Custom Combinations of FEMA Flood Hazard Information Using Google Earth (TM) - <http://www.fema.gov/library/viewRecord.do?id=3289>

Stay Dry: A Basic Application to View FEMA Flood Hazard Information Using Google Earth (TM) - <http://www.fema.gov/library/viewRecord.do?id=3293>

NFHL GIS Data: Perform Spatial Analyses and Make Custom Maps and Reports - <http://www.fema.gov/library/viewRecord.do?id=3291>

DFIRM Database Spatial Layers - <http://rmc.mapmodteam.com/rmc9/DFIRM101.htm>

## Map Modernization, Flood Insurance, and Floodplain Management

Flood Map Modernization: A Powerful Tool for Risk Management - <http://rmc.mapmodteam.com/rmc9/DFIRM101.htm>

Understanding Flood Map Modernization: Using Preliminary Flood Hazard Maps - <http://rmc.mapmodteam.com/rmc9/DFIRM101.htm>

Vertical Datum: New Mapping Studies Convert to Updated Vertical Datum - <http://www.fema.gov/library/viewRecord.do?id=2918>

Flood Hazard Zones - <http://rmc.mapmodteam.com/rmc9/DFIRM101.htm>

Saving on Flood Insurance: Information About the NFIP's Grandfathering Rule - <http://www.fema.gov/library/viewRecord.do?id=2497>

Community Rating System - <http://rmc.mapmodteam.com/rmc9/DFIRM101.htm>

Awareness Floodplain Mapping Created by California DWR and FEMA's Flood Map Modernization Initiative - <http://rmc.mapmodteam.com/rmc9/DFIRM101.htm>

Community Requests for FEMA Support to Update a Flood Hazard Study - <http://rmc.mapmodteam.com/rmc9/DFIRM101.htm>

Guidance on the Use of Acronyms and Abbreviations - <http://rmc.mapmodteam.com/rmc9/DFIRM101.htm>