



# Risk MAP: Mitigation, Resilience, and Mapping

*National Flood Determination Association (NFDA) Conference*

Roy Wright  
Deputy Associate Administrator for Mitigation  
April 7, 2014



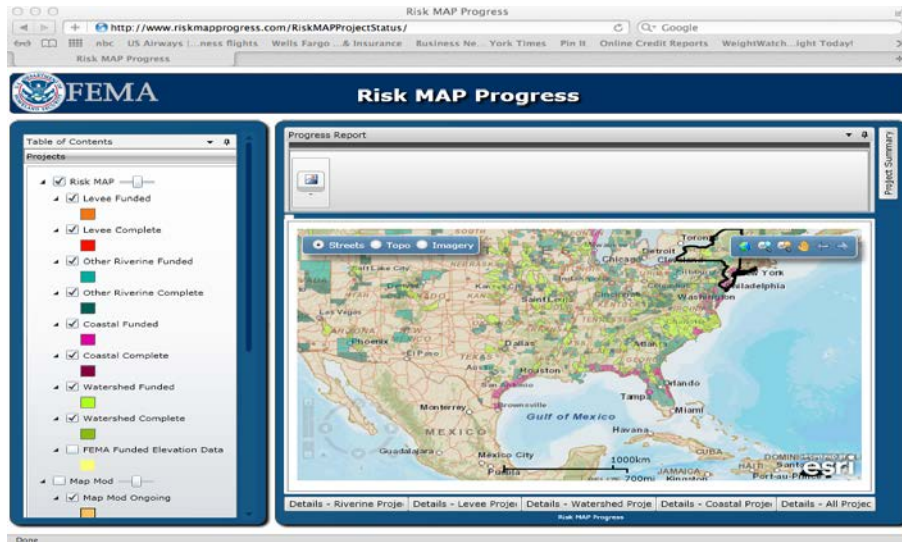
**FEMA**

# Legislative Reform: Homeowner Flood Insurance Affordability Act (HFIAA-14)

- ▶ Signed into law on 3/21/14
- ▶ Repeals and modifies certain BW-12 provisions
- ▶ FEMA currently evaluating new provisions and how best to implement
- ▶ Updates at:  
[www.fema.gov/flood-insurance-reform](http://www.fema.gov/flood-insurance-reform)



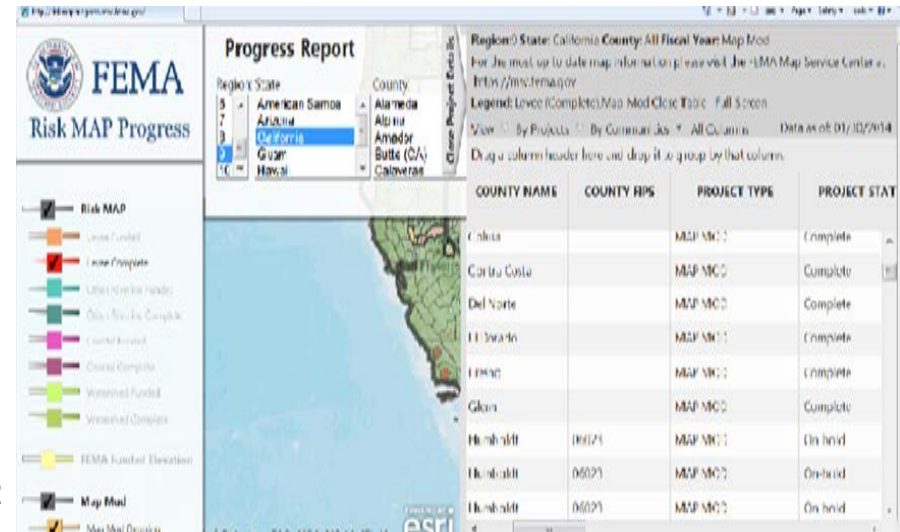
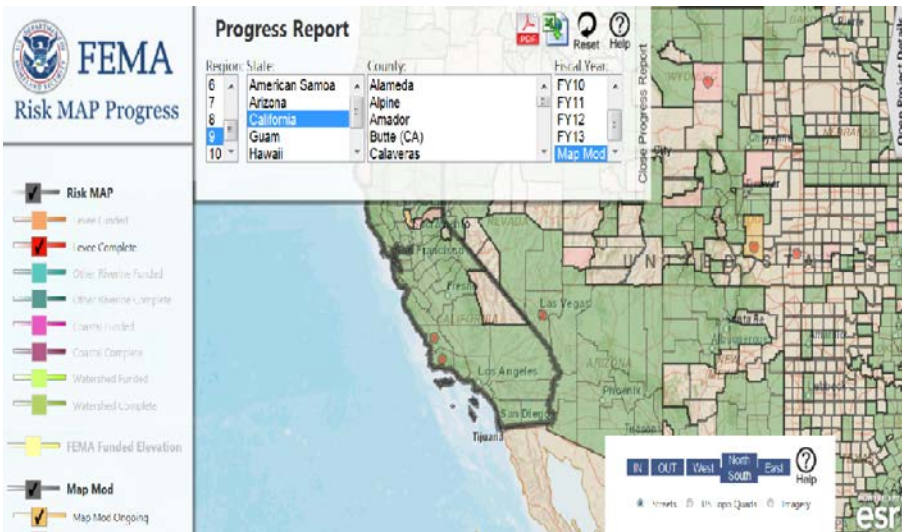
# Risk MAP Progress Portal



Visit

<http://riskmapprogress.msc.fema.gov/>

On your Desktop, iPad, or tablet



# Risk MAP Goals



# Disaster Risk Reduction: FEMA Strategic Objectives



**FEMA  
Strategic  
Priorities**



**Enable disaster risk  
reduction nationally**



Provide  
Credible,  
Accessible,  
and Actionable  
Risk Data



Advance Risk  
Management  
Capability  
across the  
Whole  
Community



Lead a  
National  
Cultural Shift  
toward Disaster  
Risk Reduction



Ensure FEMA  
Programs are  
Demonstrably  
Flexible and  
Adaptive to  
Support  
Leading Risk  
Reduction  
Efforts



Strengthen  
Collaboration in  
Risk Reduction  
across the  
Federal  
Government



**FEMA**

# Resilience is a National Priority

- ▶ “Resilience is the ability to anticipate, prepare for, and adapt to changing conditions and withstand, respond to, and recover rapidly from disruptions.”
  - Executive Order- Preparing the United States for the Impacts of Climate Change (November 1, 2013)

## FEMA Administrator’s Intent

FY 2015- FY 2019

### Priority 4: Enable Disaster Risk Reduction Nationally

- FEMA will work to enable and facilitate greater disaster risk reduction at all levels nationally, thereby enhancing our resilience to disasters.
- We will provide analysis, tools, and information that support choices that guide individuals, communities, and national decisions towards reducing disaster risk.
- FEMA will foster and support adaptation in the face of a changing climate through our programs and our interactions with our partners.
- We will work to make best available data on projected hazard impacts- both current and future- widely accessible to communities.
- And where we can act directly, we will leverage our mitigation and insurance programs to maximize opportunities to further reduce the Nation’s current and future exposure to disaster risk.

# Building Resilience Across the Nation



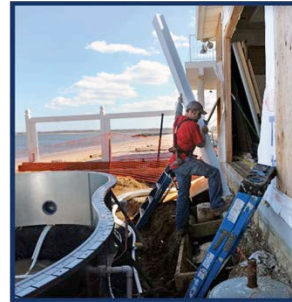
**Pierce County, Washington**  
Class 2 CRS Rating



**Sacramento, California**  
High Watermark  
Campaign



**New Jersey**  
Post-Sandy Statewide  
rebuilding standard



**North Carolina**  
Sea Level Rise Risk  
Management Study



**Coastal Mississippi**  
Post-Katrina mitigation  
projects



**Hillsborough County, Florida**  
Post-Disaster Redevelopment  
Planning



FEMA

# Other Mitigation Initiatives Underway





# LAMP Pilot Study Status

Total Number of Levees Impacted	FY 2013 LAMP Pilots	FY 2014 Plans
278	25 underway	At least 30 LAMP impact studies set to begin

**Accredited levee system**



**Non-accredited levee system**



# MSC 2.0: Simplified User Interface



The screenshot displays the FEMA Map Service Center website. At the top left is the FEMA logo, and at the top right is a "Need Assistance" link with a question mark icon. Below the logo is the text "FEMA" and "Map Service Center". A navigation bar contains links for "HOME", "SEARCH", "GENERAL INFORMATION", "RESOURCES & TOOLS", and "EMAIL SUBSCRIPTIONS". The main content area features a large image of a tablet displaying the FEMA logo and the text "Welcome to FEMA Map Service Center!". Below this image is a paragraph describing the MSC as the authoritative source for digital flood hazard mapping products. A prominent search box is centered, titled "Looking for a Flood Map?", with a magnifying glass icon and a "Search" button. Below the search box is a link for "Full Catalog Search". An "ANNOUNCEMENTS" section follows, dated November 20, 2013, detailing changes to the MSC Product Catalog and Map Search. At the bottom of the page, there is a note about Adobe Acrobat Reader and a row of links for "FEMA.gov", "Accessibility", "Privacy Policy", and "Contact Us". A large red stamp with the text "UNDER DEVELOPMENT" is overlaid on the right side of the screenshot.

Need Assistance ?

FEMA Map Service Center

HOME | SEARCH | GENERAL INFORMATION | RESOURCES & TOOLS | EMAIL SUBSCRIPTIONS

Welcome to  
FEMA Map Service Center!

The Map Service Center (MSC) is the authoritative source and official government distribution center for digital flood hazard mapping products created by the Federal Emergency Management Agency (FEMA) in support of the National Flood Insurance Program (NFIP). A listing of these products can be found on the Resources page. The MSC is also the authorized site for downloads and orders of the Hazus-MH damage estimation software.

**Looking for a Flood Map?**

Enter an address or place:  
Enter an address or place

[Full Catalog Search](#)

**ANNOUNCEMENTS**

November 20, 2013 - The following changes will be made to the MSC Product Catalog and Map Search:

- NFHL Data are now searchable through Map Search
- NFHL databases are downloadable from MSC Product Catalog\*
- Effective FIRM Databases are no longer be available for purchase and users will instead be directed to download the effective NFHL data at no charge. Future Effective FIRM Databases are still available for purchase.

Adobe Acrobat Reader required to view certain documents. [Click here to download.](#)

[FEMA.gov](#) | [Accessibility](#) | [Privacy Policy](#) | [Contact Us](#)

**UNDER DEVELOPMENT**

# Integrated Results



Search by Address

Enter an address or place:

10400 Eaton Pl Fairfax, VA



You are currently viewing flood map boundaries near the location entered. The flood map that best matches your location is highlighted. A new location may be chosen by panning or zooming the map and using the select tool, or by entering a new location in the search field.

Select Use the select tool to choose a location or area of interest.

Base Map: Road Map

You have selected a location in Fairfax City, Virginia

The flood map for your selected area is number 515524002D, effective on 5/24/2009.



VIEW



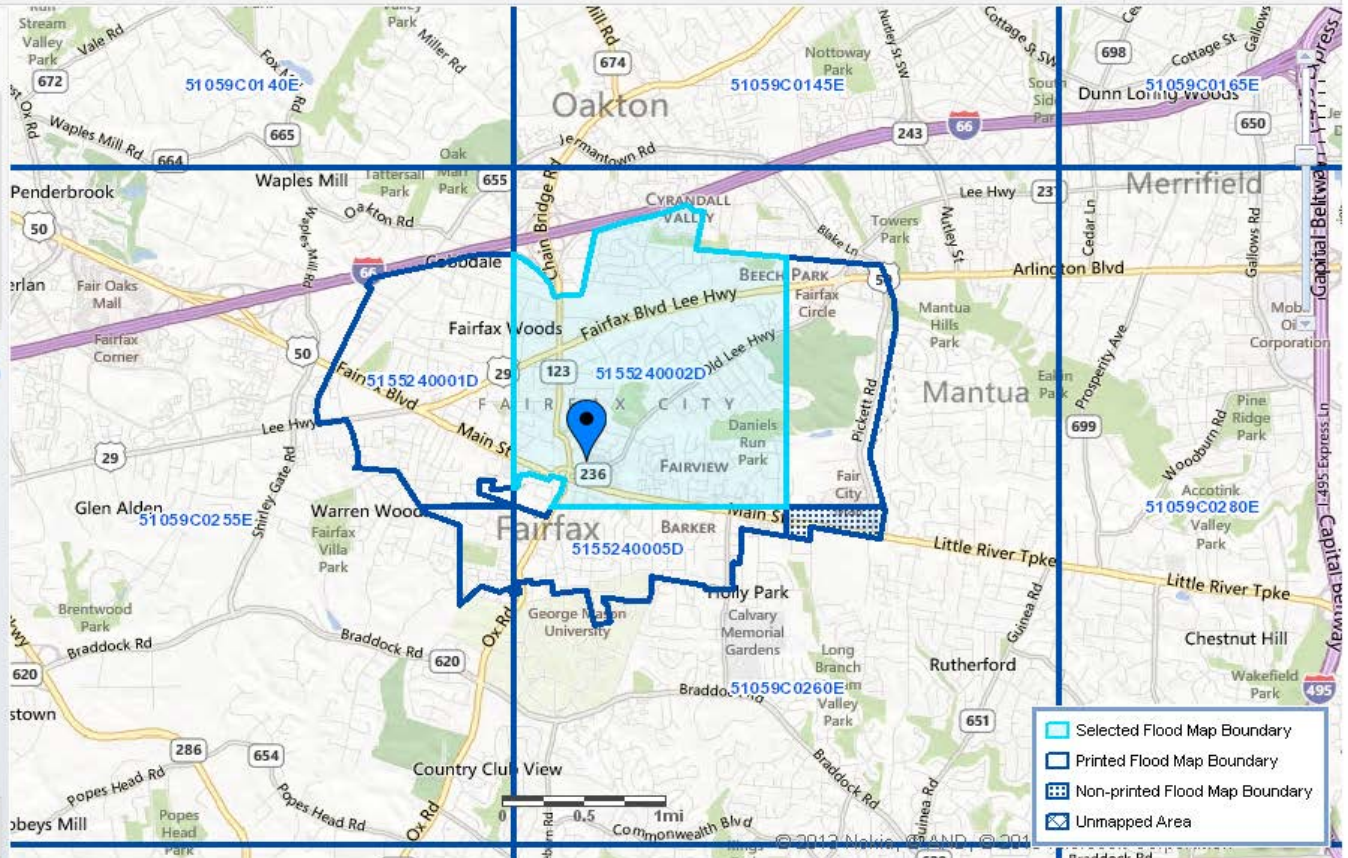
DOWNLOAD

Download Flood Insurance Study  
View NFHL data on FEMA GeoPlatform

### Letters of Map Change

- Revisions(3)
- Amendments(3)
  - 09-03-1452P eff. 9/27/2010
  - 10-03-1841P eff. 5/12/2011
  - 12-03-5829 eff. 9/1/2013
- Revalidations(0)

Get additional products for Fairfax City, Virginia



U.S. DEPARTMENT OF HOMELAND SECURITY

Increasing Resilience Together

# MSC 2.0: Full Catalog Search

The screenshot shows the FEMA Map Service Center search page. At the top left is the FEMA logo. The page title is "Map Service Center". Navigation links include HOME, SEARCH, GENERAL INFORMATION, RESOURCES & TOOLS, and EMAIL SUBSCRIPTIONS. The breadcrumb trail is "Home > Search > Full Catalog Search". The main heading is "FULL CATALOG SEARCH". Below this, there are search filters: "Search By" with radio buttons for "Jurisdiction" (selected) and "Product ID". There are three dropdown menus for "State", "County", and "Community", all set to "-Select-". An "OR" separator is between these and a text input field for "Jurisdiction Name or FEMA ID" containing "Washington, DC". Below the filters is a section for "Map Service Center Posting Date Range (Optional)" with "Date From" and "Date To" fields. At the bottom of the search area are "Search" and "Reset" buttons.

The screenshot shows the search results for "WASHINGTON, DC (110001)". It includes a "Need Assistance" link at the top right. Below the heading, it says "Click [subscribe](#) to receive email notifications when products are updated." The results are categorized into "Effective Products" and "Pending Products".

- Effective Products**
  - FIRM Panels (68) [DL ALL](#)
    - 515524003C eff. 9/24/2010 [IDMC](#) [VIEW](#) [DL](#)
  - LOMR (2)
    - 10-03-1209P eff. 1/14/2011 [DL](#)
    - 11-03-0289P eff. 5/25/2011 [DL](#)
  - LOMA (2)
  - Revalidations (3)
  - FIS Reports (12) [DL ALL](#)
  - NFHL Data (1) [DL ALL](#)
- Pending Products**
  - FIRM Panels (74) [DL ALL](#)
  - FIS Reports (12) [DL ALL](#)
  - FIRM Databases (1) [DL ALL](#)
- Historic Products**
  - FIRM Panels (38) [DL ALL](#)
  - FIS Reports (10) [DL ALL](#)
- Preliminary Products**
- Flood Risk Products**
- LOMC**

**UNDER DEVELOPMENT**

# MSC 2.0: Updated Subscription Services

- Redesign makes it easier to track changes and stay informed!
- Sign up to receive email notification when new MSC products are released for a geographic area of interest

**FEMA** Map Service Center

HOME | SEARCH | GENERAL INFORMATION | RESOURCES & TOOLS | EMAIL SUBSCRIPTIONS

Home > Subscriptions

**EMAIL SUBSCRIPTIONS**

Welcome, jdoe@example.com

Manage Email Subscriptions | Recently Posted Products | Edit Profile

**Email Frequency**  
I want to receive emails for all subscriptions:  Monthly  Weekly  Daily

**Create New Email Subscription**

**Create Email Subscription**  
Complete the following fields. To receive notifications, select 'Save Subscription'.

I want to receive email subscriptions for:

State:   
County:   
Community:   
Region:

I want to receive the following products:

Final Products  
 Future FIRM Panels  
 Future FIS Report  
 LOMC  
 LOMR  
 LOMA  
 Revalidations  
 NFHL Database  
 Future FIRM DB  
 Flood Risk Products  
 Preliminary Products

**Current Email Subscriptions**  
You currently receive the following email subscriptions:

Select	Description	Products
<input type="radio"/>	The State of California	• Future FIS Reports • NFHL Database • Future FIRM DB
<input type="radio"/>	Clark County, Nevada	• LOMRs
<input type="radio"/>	Region IX	• Flood Risk Products

Adobe Acrobat Reader required to view certain documents. [Click here to download.](#)

[FEMA.gov](#) | [Accessibility](#) | [Privacy Policy](#) | [Contact Us](#)



# FEMA



FEMA