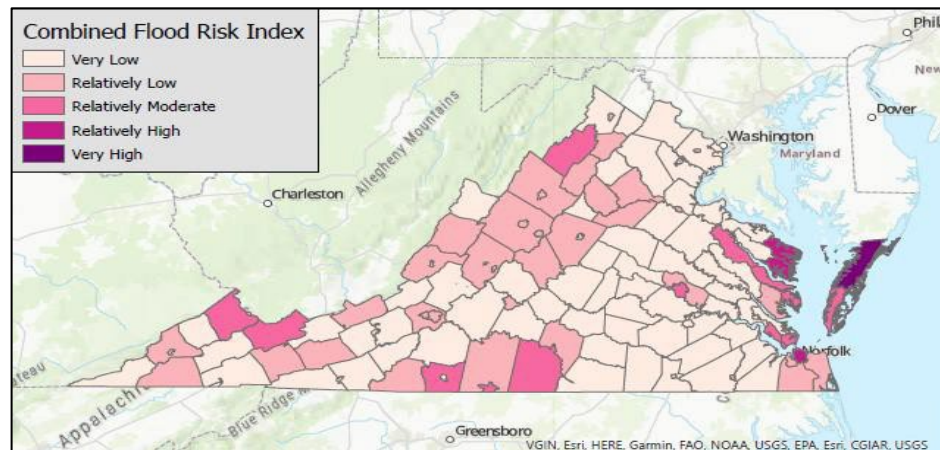


Floodplain Management Virginia RiskMAP Studies

Angela Davis, CFM
Division Director, Floodplain Management
Annual Flood Coordination Meeting
September 2024

Floodplain Management

- DCR serves as the National Flood Insurance Program (NFIP) coordinator and floodplain manager for Virginia
- There are 108,500 structures in Virginia's regulatory floodplains.
 - Only 47% carry NFIP policies
- Nationally, 40% of NFIP claims occur outside of the regulatory floodplain
- Flooding in VA from 1950 – 2021 caused almost \$900 million in reported damages



National Flood Insurance Program (NFIP)

Created by the National Flood Insurance Act of 1968

Adopt and enforce regulations = Eligible for flood insurance

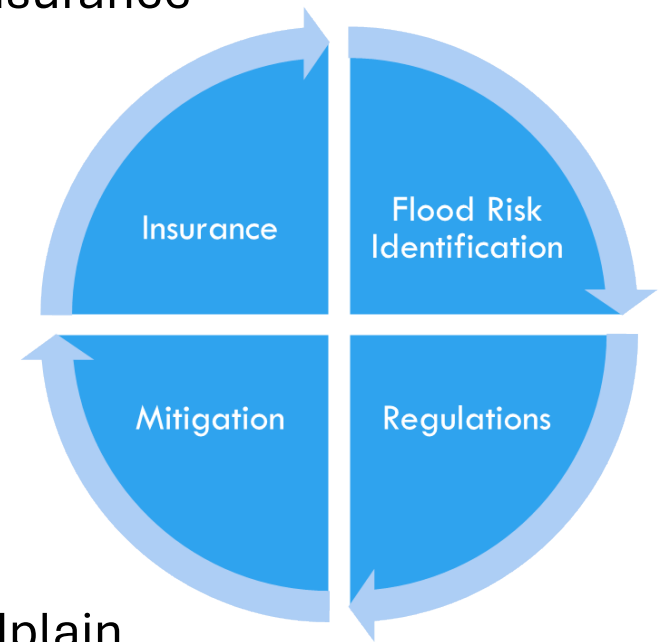
Benefits of participation

- Flood insurance
- Grants and loans
- Disaster assistance
- Federally-backed mortgages

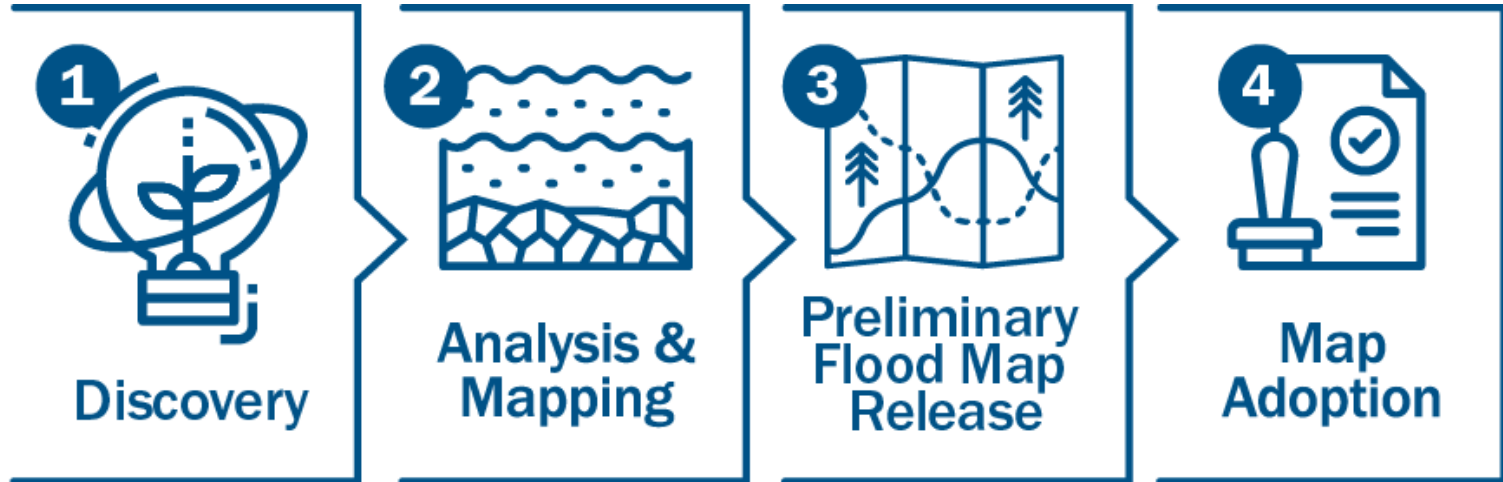
Goals of the NFIP include

- Saving lives and protecting property
- Encouraging a comprehensive approach to floodplain management

DCR serves as the National Flood Insurance Program (NFIP) coordinator and floodplain manager for Virginia.



RiskMAP



Discovery

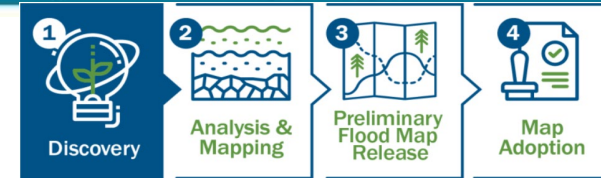
Discovery Report

- Summary of data, analysis, meetings, and action items or decisions

Discovery Maps

- Flood Hazards
- Potential Economic Loss
- Mapping Needs

Target Study Areas



Watershed
Stakeholder
Coordination

Data
Collection &
Analysis

Discovery
Meeting and
Follow-Up

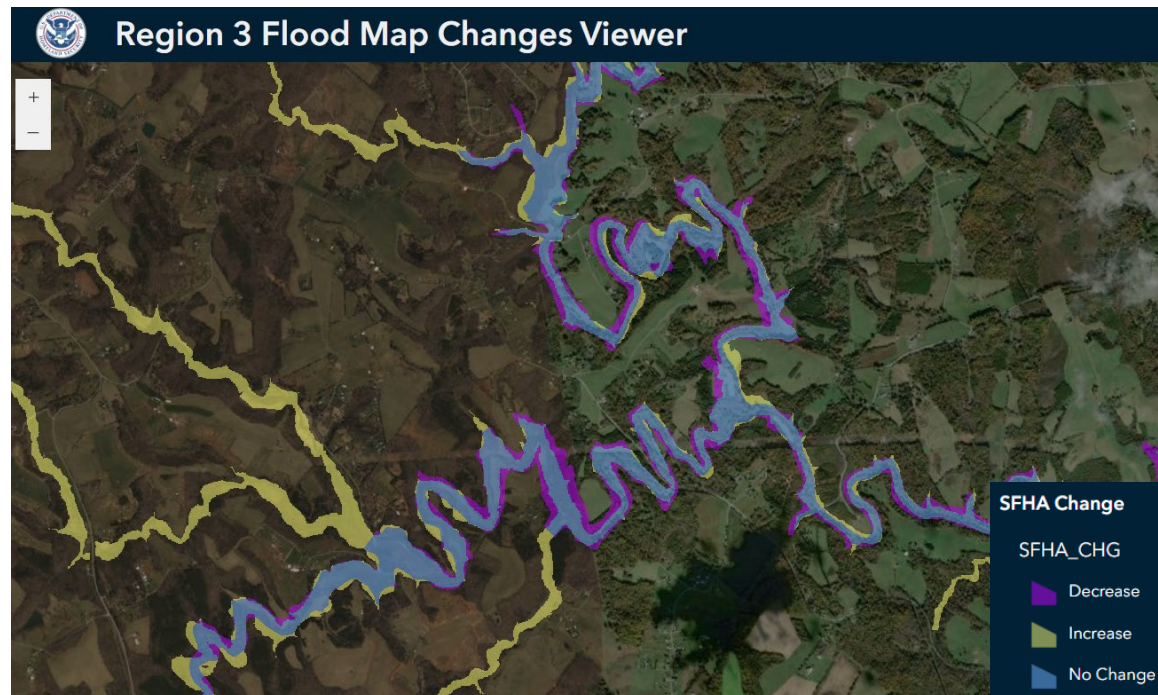
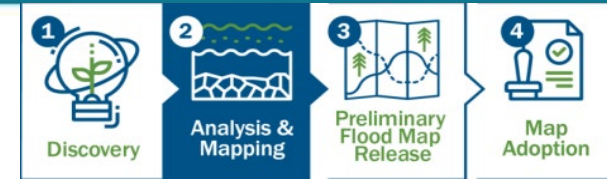
Post-
Meeting
Review

Final Report

Analysis & Mapping

Flood Risk Review Meeting

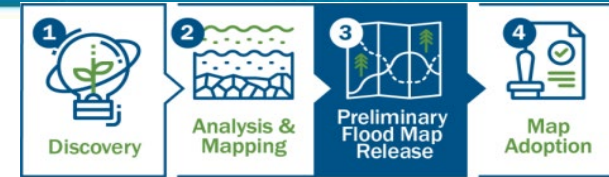
- Engineering Analysis
- Draft Work Maps
- 30-day review period



Preliminary Flood Map Release

Community Coordination & Outreach Meeting (CCO)

- Preliminary Maps Publicly Available
- 90-Day Appeal and Comment Period
- Flood Risk Open House



Preliminary Products (46)

Please note: Preliminary data are for review and guidance purposes only. By viewing preliminary data and maps, the user acknowledges that the information provided is preliminary and subject to change. Preliminary data, including new or revised FIRMs, FIS reports, and FIRM Databases, are not final and are presented on the MSC as the best information available at this time. Additionally, preliminary data cannot be used to rate flood insurance policies or enforce the Federal mandatory purchase requirement. FEMA will remove preliminary data once effective data are available.

- ▶ Preliminary FIRM Panels (44)
- ▶ Preliminary FIS Reports (1)
- ▶ Preliminary FIRM Database (1)



<https://msc.fema.gov/portal/home>

Map Adoption

Letter of Final Determination

- Floodplain Ordinance
- 180-day adoption period
- Failure to adopt = **suspension**

Summary of Map Actions

- Revalidation of previous Letters of Map Change (LOMCs)

Flood Risk Products

- Flood Insurance Rate Map (FIRM)
- Flood Insurance Study (FIS)
- Geospatial Database



Impact to State Agencies

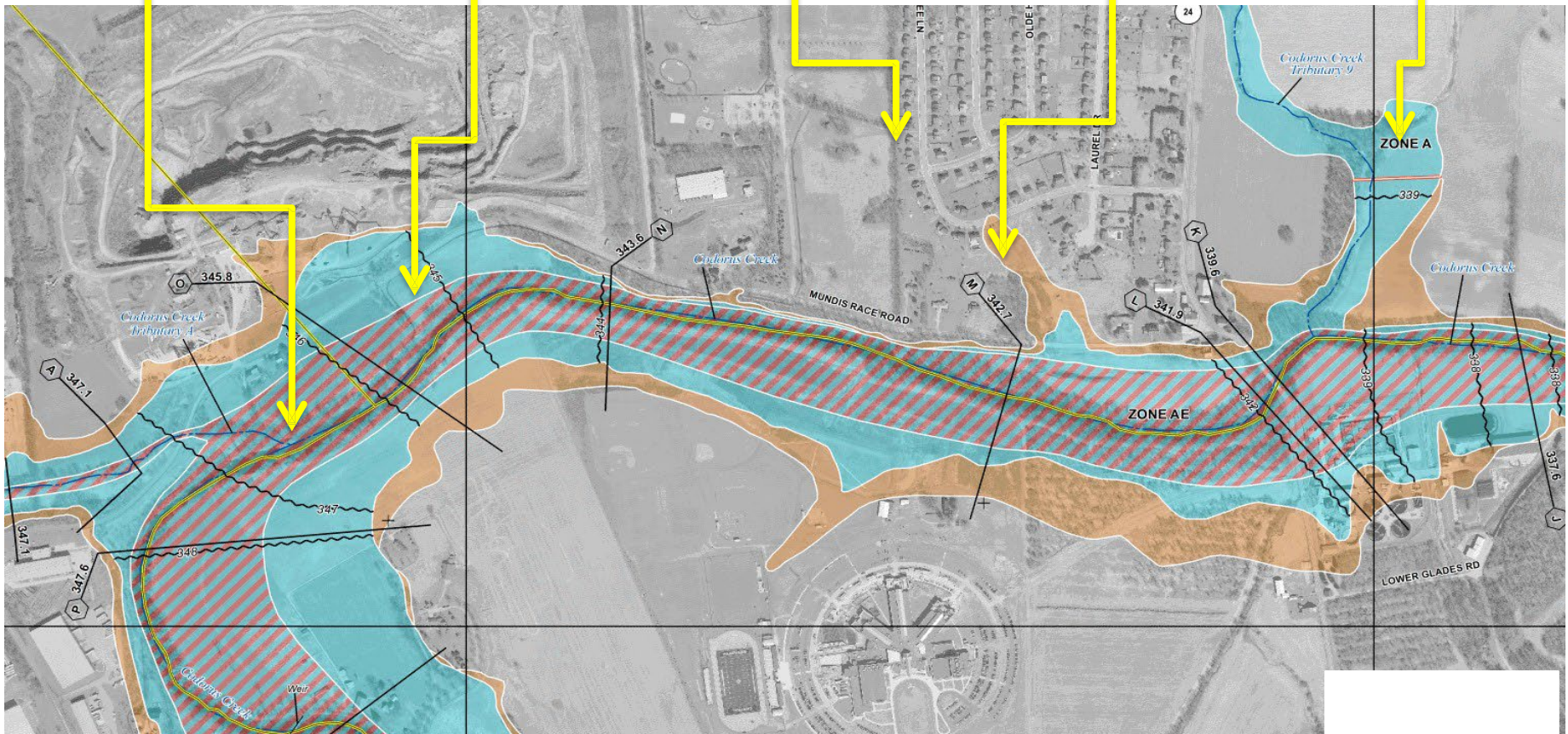
Zone AE
Floodway

Zone AE

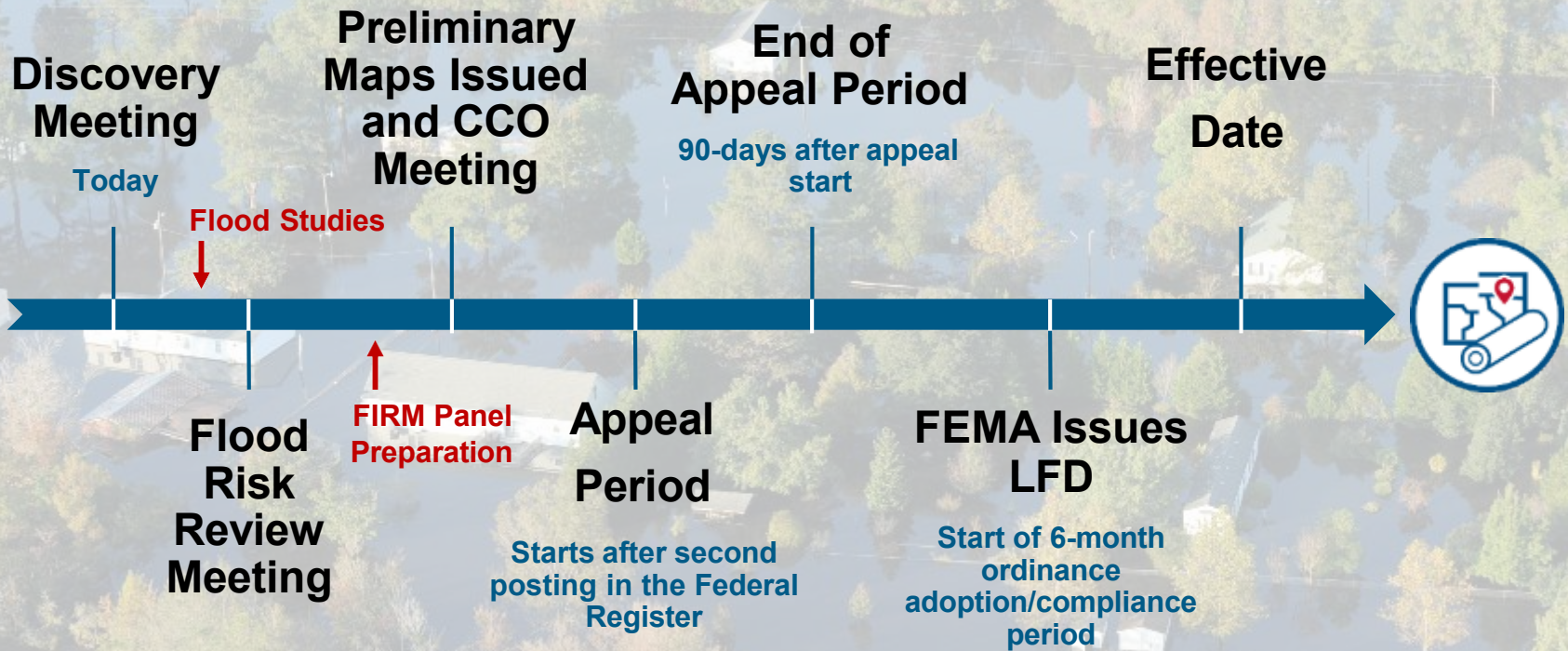
Zone X

Shaded
Zone X

Zone A



Typical Flood Study Timeline



Project Contacts



Contacts

Angela Davis, CFM
Division Director, Floodplain Mgmt.
Angela.Davis@dcr.virginia.gov



Brandy Buford, CFM
NFIP State Coordinator
Brandy.buford@dcr.virginia.gov



Floodplain Program Planners
FloodplainMgmt@dcr.virginia.gov