

Discovery Report Appendix B

PreDiscovery Meeting Presentation

Mid-Hudson Watershed

HUC 02020006

June 2017



FEMA

Federal Emergency Management Agency
Department of Homeland Security
26 Federal Plaza
New York, NY



FEMA

Mid-Hudson Watershed Risk MAP Discovery Project

**Pre-Discovery Webinar for Watershed
Stakeholders**

May 10 – May 11, 2016



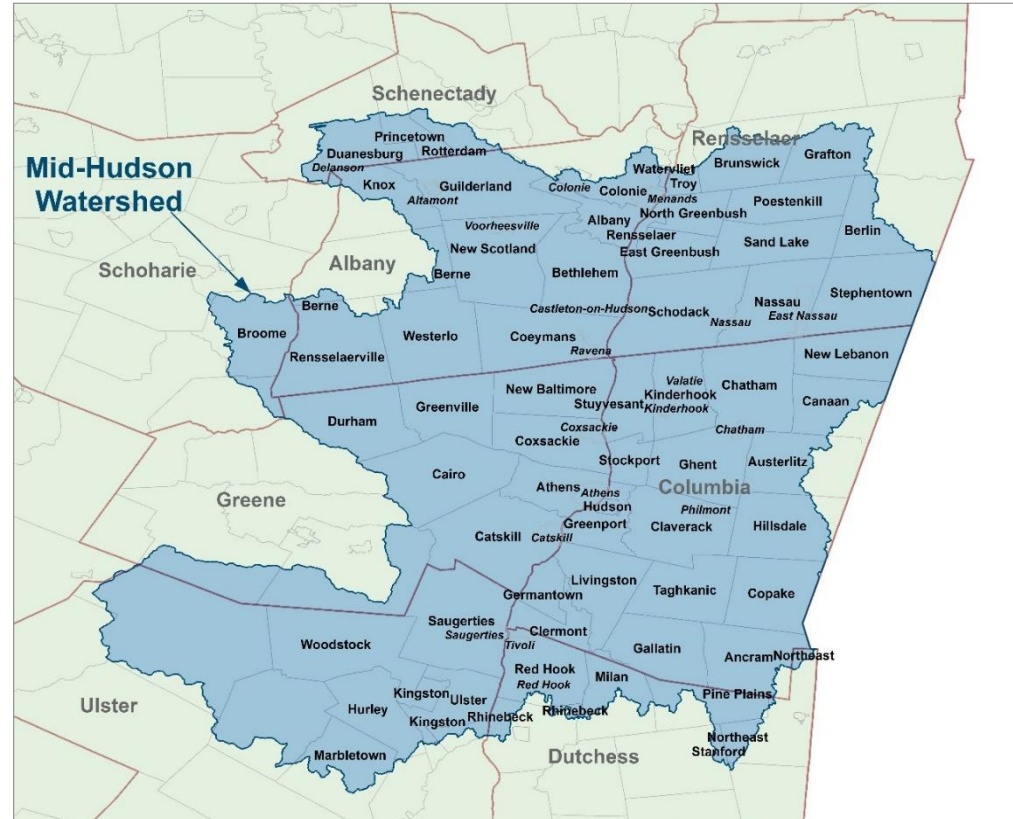
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RiskMAP

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Who's Involved

- **Project Team**
 - FEMA
 - NYS DEC
 - Dewberry/The Clark Group
- **Federal, State, Local partners**
 - USACE, USGS, NRCS
 - ***Communities***
 - ***Counties***
 - ***Local universities***
 - ***Other local and regional organizations/stakeholders***

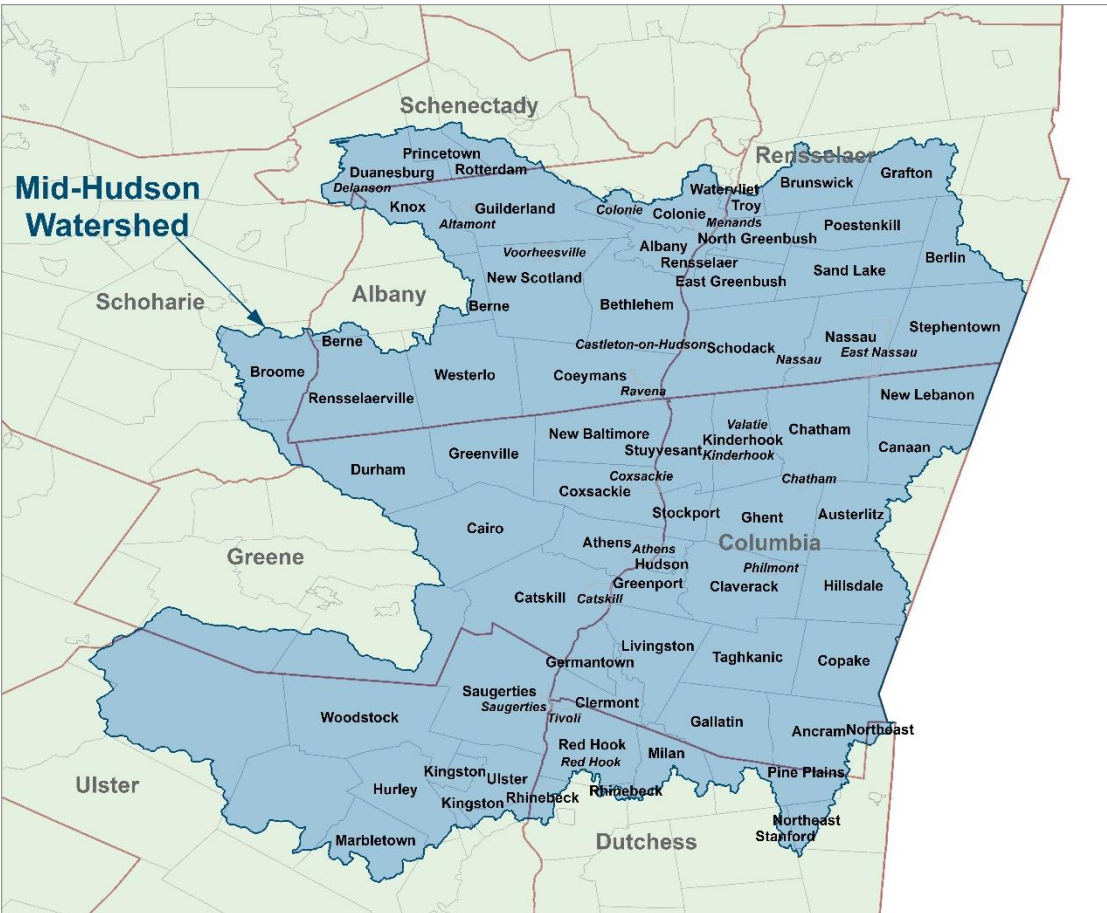


Agenda

- FEMA's Risk MAP Program & Discovery process
- The Mid-Hudson Watershed Discovery project
 - Participating in the process
 - Schedule
- Next steps
- Q&A



Mid-Hudson Watershed Discovery Project Area



- **8 counties**
 - Albany
 - Columbia
 - Dutchess
 - Greene
 - Rensselaer
 - Schenectady
 - Schoharie
 - Ulster
- **85 communities, including towns, cities, and villages**



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The Risk MAP Program

■ Risk MAP

- Mapping – Flood hazard and risk identification
- Assessment – Risk assessment tools
- Planning – Hazard mitigation planning

■ Risk MAP Vision

- Deliver quality data
- Increase public awareness of flood risk
- Encourage local/regional actions that reduce risk



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The Risk MAP Discovery Process

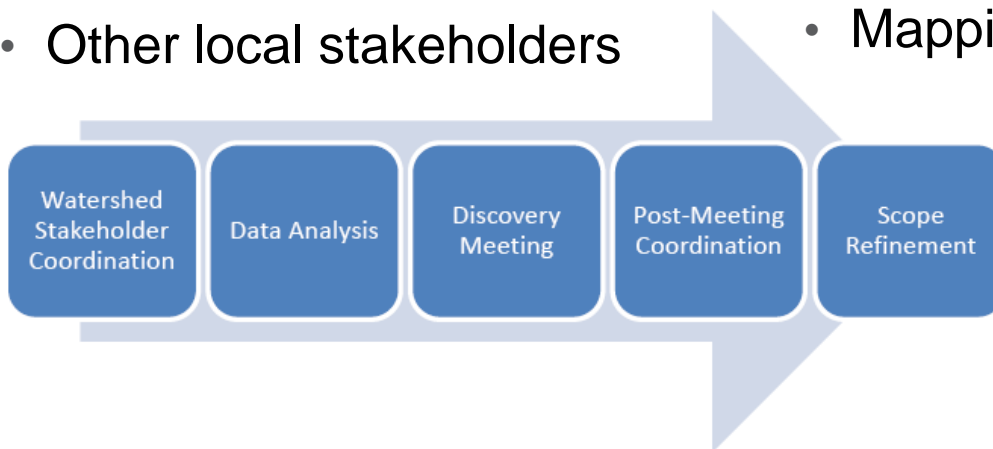
A **collaborative process** for **data collection** and analysis with the goal of initiating discussion about local flood risk and prioritizing flood mapping and other needs in a watershed.

Collaboration between:

- Communities/Counties
- State agencies
- Universities
- FEMA/other Federal agencies
- Other local stakeholders

Data collected:

- Historical flooding information
- Existing flood hazard risk assessment
- Mitigation activities and strategies
- Mapping/training needs



Discovery Results and Products

■ Discovery Report

- Comprehensive report that documents Discovery process
- Includes background information and data analysis, meeting agenda, sign-in sheets, discussion topics, decisions made, etc.

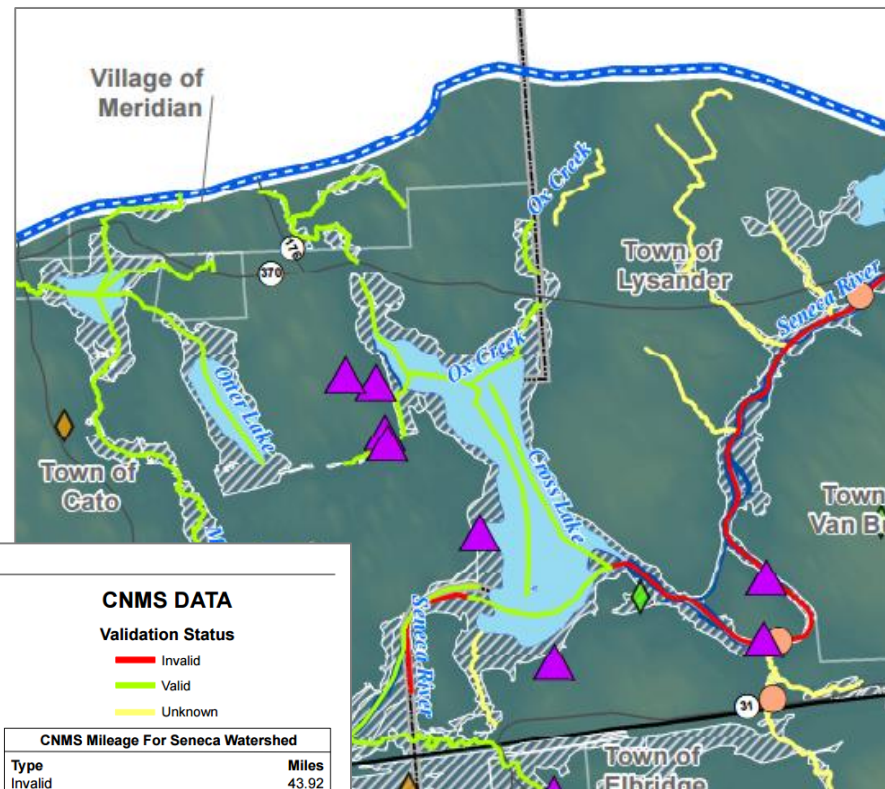
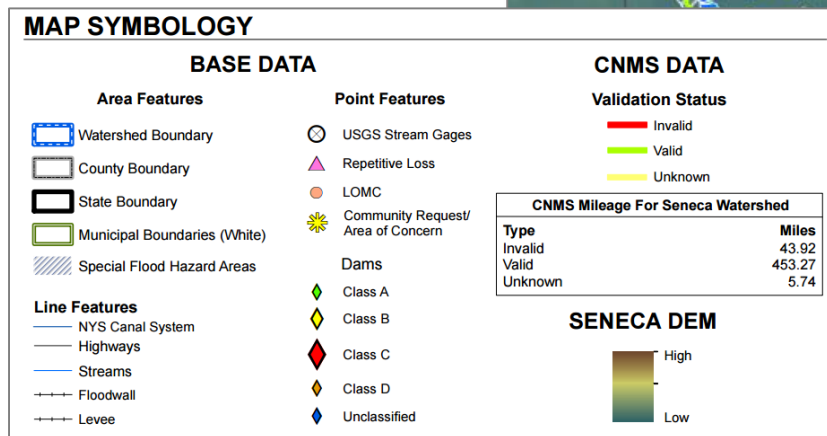


The image shows the front cover of a FEMA Discovery Report form. The top half is a solid dark blue rectangle. Below this, the title "Discovery Report" is printed in a serif font. Under the title, there are several lines of text for metadata: "Watershed Name, Watershed Number", "County names", "Community names", "State(s)", and "Report Number 00". To the right of this text is a rectangular box containing instructions: "If community names do not fit on this front cover, please use the optional following page. If they do fit, then delete the following page. Delete this text box when complete." Below the metadata text is a date field labeled "MM/DD/YYYY" and the FEMA logo, which consists of the eagle emblem and the word "FEMA" in a bold, sans-serif font.

Discovery Results and Products

■ Discovery Maps

- Final version includes feedback from participants
- Visual representation of meeting outcomes



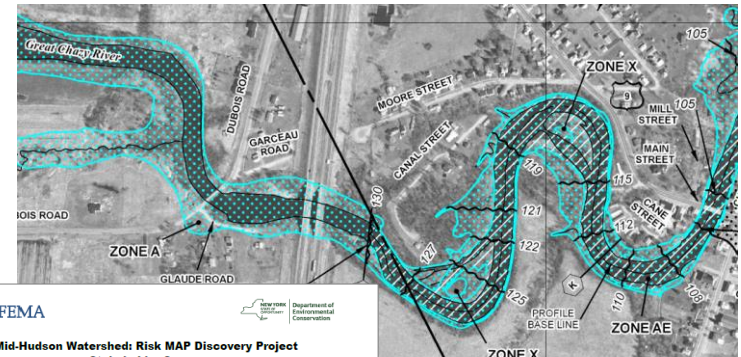
Discovery Results and Products

- **With your involvement, this project will ensure that FEMA/NYS DEC are aware of:**
 - Local flooding problems
 - Flood mapping needs
 - Other related issues your community may be facing
- **Input will be used to prioritize needs in the watershed for a Risk MAP project, including updated digital Flood Insurance Rate Maps (FIRMs), that may be initiated in the future.**



Discovery Data Collection Process

- NYS DEC is currently gathering background data to prepare draft Discovery Report and Maps
- Your community's /organization's input will be collected through
 - Stakeholder Survey Form
 - Can be completed via Survey Monkey or mailed/mailed back
 - Upcoming In Person Discovery Meetings



FEMA **Department of Environmental Conservation**

Mid-Hudson Watershed: Risk MAP Discovery Project Stakeholder Survey

Thank you for taking the time to complete this Discovery data survey. The Discovery process is designed to provide important information to help the Federal Emergency Management Agency (FEMA) and the New York State Department of Environmental Conservation (NYSDEC) better understand flood risk issues and mapping needs in the Mid-Hudson watershed, and to help you increase your community's resilience to flooding through implementation of the risk MAP Risk Mapping, Assessment, and Planning program. Please answer any and all questions to the best of your ability and/or knowledge. Any response can help us assess the risks for your community.

A map of the watershed can be found at the end of this survey. The map shows the Mid-Hudson Watershed area and the jurisdictional areas included in the watershed.

Background
Discovery is the initial phase of a Risk MAP project, in which FEMA and NYSDEC work with local stakeholders to collect data and learn about unique issues in a watershed. This includes gathering information about current flood risk, historical flooding, flood mapping and analysis needs, and local mitigation activities. All information collected will be considered when developing recommendations for future Risk MAP projects. These projects may include the creation of revised flood analysis, maps, or other products that can be used to reduce local flood risk. The Discovery process does not necessarily mean that a new Risk MAP project will take place - rather it is a process by which FEMA and NYSDEC learn about the issues in a watershed and prioritize the need for new studies.

Discovery Meeting
After compilation and evaluation of survey responses, a series of in-person Discovery meetings will be held within the watershed in May/June 2018 to present and discuss the preliminary results, as well as provide an additional opportunity for input.

Completing and Sharing This Survey
We respectfully request that you complete the survey by May 6, 2018 in order for the Discovery team to develop preliminary materials to be reviewed during the in-person Discovery meetings with affected stakeholders. If you have any questions about FEMA's Discovery process or about completing this survey, please contact the NYSDEC Floodplain Management team at floodplain@dec.ny.gov. If you believe there are other stakeholders that should receive this survey, please provide their contact information to us and we will send them a copy.

Sending us the Completed Survey
You may either complete the survey online at <https://www.surveymonkey.com/j/DiscoverMidHudson> or instead mail or email your completed survey form to:
Samara Ebinger
DeWBerry
2405 Arlington Blvd.
Fairfax, VA 22031
sbeinger@dewberry.com (Email)

Federal Emergency Management Agency
Washington, D.C. 20472

LETTER OF MAP AMENDMENT DETERMINATION DOCUMENT (REMOVAL)

COMMUNITY AND MAP PANEL INFORMATION		LEGAL PROPERTY DESCRIPTION	
TOWN OF TONAWANDA, EASEX COUNTY, NEW YORK		A parcel of land, as described in the Correction Sheet recorded in Book 1416, Pages 0162, 1063, and 0164, in the Office of the County Clerk, Essex County, New York	
COMMUNITY NO. 151169			
FED. NUMBER: 3611090108			
DATE: 5/1/1988			
G SOURCE: UNNAMED TRIBUTARY TO CREEK		APPROXIMATE LATITUDE & LONGITUDE OF PROPERTY: 43.896, -73.344 SOURCE OF LAT & LONG: GOOGLE EARTH PRO DATUM: NAD 83	
DETERMINATION			
BLOCK SECTION	SUBDIVISION	STREET	OUTCOME
		301 Century Road	REMOVED FROM THE SFHA
		Structures (Residences)	X (unshaded)
			IN ANNUAL CHANCE FLOOD ZONE
			LOWEST ADJACENT GROUND ELEVATION (INDICATED)
			963.1 feet

Flood Hazard Area (SFHA) - The SFHA is an area that would be inundated by the flood having a 1-percent chance of being equaled or exceeded in any given year (base flood).

HAZ. CONSIDERATIONS (Please refer to the appropriate section on Attachment 1 for the additional considerations listed below.)

IS REMAIN IN THE SFHA

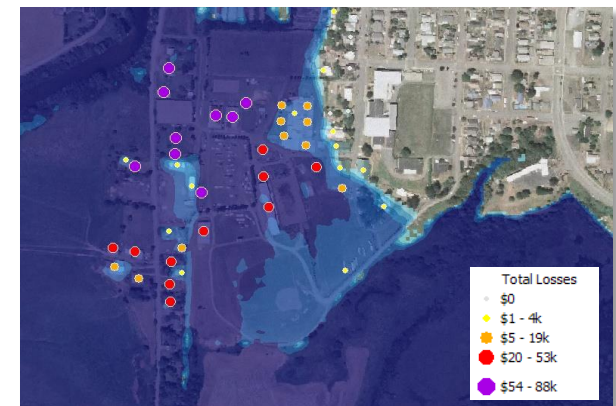
When provided the Federal Emergency Management Agency determination regarding a request for a Letter of Map Amendment for any identified area. Using the information submitted and the effective National Flood Insurance Program (NFIP) map, we have determined the eligibility of the identified area for removal from the SFHA. An area excluded from the flood having a 1-percent chance of being equaled or exceeded in any given year (base flood). This document amends the effective NFIP map to remove the subject property from the flood hazard area. The NFIP map is the official NFIP map. Therefore, the Federal mandatory flood insurance requirement does not apply. However, the owner is advised to continue the flood insurance requirement to protect its financial interest in the area. A Federal Risk Policy (FRP) is a building located outside the SFHA. Information about the FRP and how to use it is provided.

Information is based on the flood data presently available. The enclosed documents provide additional information regarding this map. If you have any questions about this document, please contact the FEMA Map Assistance Center toll free at (877) 338-4527. A reply or to be letter addressed to the Federal Emergency Management Agency, 10000 Chillum Road, Alexandria, VA 22304-6052.

Lee Rogers, P.E., Chief
Engineering Management Branch
Federal Insurance and Mitigation Administration

Data Collection: Background Data

- **Census information**
- **Transportation features**
- **State & Federal lands**
- **Stream Gages**
- **Topography & Bathymetry**
- **Dams (GIS and Dam Specific Reports)**
- **Federal and State Disasters**
- **Additional Studies:**
 - Average Annualized Loss (AAL) information
 - FEMA-approved Hazard Mitigation Plans
 - Community Ordinances



What information do we need from you?

- Historical flooding problems
- FIRM inaccuracies
- Recent/ongoing mitigation projects/activities
- Planning and development activities
- Availability of GIS and other data
- Training needs
- Other people/organizations you think should be involved in project



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Samara Ebinger
Dewberry
8401 Arlington Blvd.
Fairfax, VA 22031
sebinger@dewberry.com (Email)



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Flood Mapping Needs/Historical Flood Problems

The more detail, the better!

■ Inaccurate FIRMs:

- Are there areas within your community where the FEMA FIRMs are not accurate or where significant change has impacted maps (e.g., culvert replacements)?

■ Historical Flooding Problems

- When have areas within your community flooded? What streams/areas were affected?

Question

Describe any inaccuracies related to the Special Flood Hazard Areas shown on your community's Flood Insurance Rate Map (FIRM):

Include the names of streams/reaches that need to be studied or restudied including starting and ending locations and the type of location (e.g., rural, urban, suburban, commercial development area, residential area, development pressures).

Please rank how you would prioritize any updates needed.

Describe your community's experience with past flood disasters and flood disaster recovery:

When have areas within your community flooded?
What streams/areas were affected?

Community Planning, Ongoing Projects, and Mitigation Activities

- **How has the floodplain changed?**
- **Community development and future development pressure**
 - DOT projects (e.g., bridge and culvert replacements)
 - Commercial or industrial development
- **Mitigation Activities**
 - Property buyouts
 - Stream restoration activities
 - Flood control projects

Question

Are there any recent ongoing or proposed projects, such as DOT, USACE, NRCS or privately funded projects, including bridge and culvert replacements since the last FIRM revision?

☐ Yes ☐ No

If yes, what is the type of project? Where is it located? Who is the Point of Contact for additional information?

Are there areas where there has been recent residential, commercial or industrial development or that is likely to have future development pressures?

☐ Yes ☐ No

If yes, please describe, including the nature and location of the development, the total project size in acres and, if appropriate, the number and size of lots.

Community Data

Data Type	Availability/Format
<u>Political boundaries:</u>	<input type="checkbox"/> Not Available <input type="checkbox"/> Paper/Hard Copy <input type="checkbox"/> GIS Format (e.g. shape file) <input type="checkbox"/> Other Digital Format
<u>Transportation features:</u>	<input type="checkbox"/> Not Available <input type="checkbox"/> Paper/Hard Copy <input type="checkbox"/> GIS Format (e.g. shape file) <input type="checkbox"/> Other Digital Format
<u>Parcel and zoning data:</u>	<input type="checkbox"/> Not Available <input type="checkbox"/> Paper/Hard Copy <input type="checkbox"/> GIS Format (e.g. shape file) <input type="checkbox"/> Other Digital Format
<u>Building footprints:</u>	<input type="checkbox"/> Not Available <input type="checkbox"/> Paper/Hard Copy <input type="checkbox"/> GIS Format (e.g. shape file) <input type="checkbox"/> Other Digital Format

■ GIS and technical data

- Base map data
- Engineering data
- Risk assessment data

Discovery Meeting Invitees

- **Compiled list of community and county officials, including:**
 - Chief Executive Officers (i.e., Mayor, Supervisor)
 - Building, Zoning, and Planning Officials
 - Local Floodplain Administrators
 - City and County Engineers
 - Conservation Districts
 - Other Local/Regional Organizations



Discovery Meeting Invitees

- **Need your help to identify others who should be invited to Discovery Meetings**
 - Watershed associations
 - Realtors
 - Insurance agents
 - Chambers of commerce
 - Farmers organizations
 - Others



Project Schedule

- **May 9th**
 - Stakeholder survey emailed to webinar invitees
- **May 10th & 11th**
 - Pre-Discovery Overview
- **Today through June 6th**
 - Stakeholders complete survey form
- **July (Tentative)**
 - In Person Discovery Meetings
- **Fall 2016 (Tentative)**
 - Final Discovery Report and Maps

Next Steps

- **We will work with you to:**
 - complete the survey provided.
 - verify and identify community contacts to attend in person Discovery Meetings.
 - determine locations and dates for in person Discovery Meetings.

Thank you for your participation!

Your involvement in this project is critical to ensure we are aware of local flooding problems and needs and prioritize future Risk MAP projects appropriately.





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Questions?



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Discussion Items

- Additional stakeholders to include
- Recommendations for Discovery Meeting locations
- When should the meetings be held?
- Ideas to help encourage participation in project / attendance at meetings



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Contacts

NYS DEC Floodplain Management

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- William Nechamen

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- Kelli Higgins-Roche

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- Elizabeth Ketcham

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NYS DEC Support Team

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802.225.5945