

# Risk MAP: Discovery of Kentucky and Taking Action



# Discovery of Kentucky and Beyond

- **To date, Discovery has started in the following watersheds:**
  - Upper Cumberland (Tennessee)
  - Lower Levisa
  - Tug Fork (West Virginia and Virginia, FEMA Region III and FEMA Region IV)
  - Silver-Little (Indiana)
  - Lower Kentucky
- **The Goal of Discovery is to acquire information and develop relationships to Take Action.**

# Acquire Data

## ▪ Data needs:

- Terrain data (LIDAR)
- Boundary, hydrography, and transportation layers
- Regional mitigation plans
- Floodplain ordinances
- Areas of known flooding
- Regional economic plans
- Areas where flooding or other natural hazards are an issue
- Planning, Zoning, and Stormwater ordinances
- Parcel and building foot prints where available



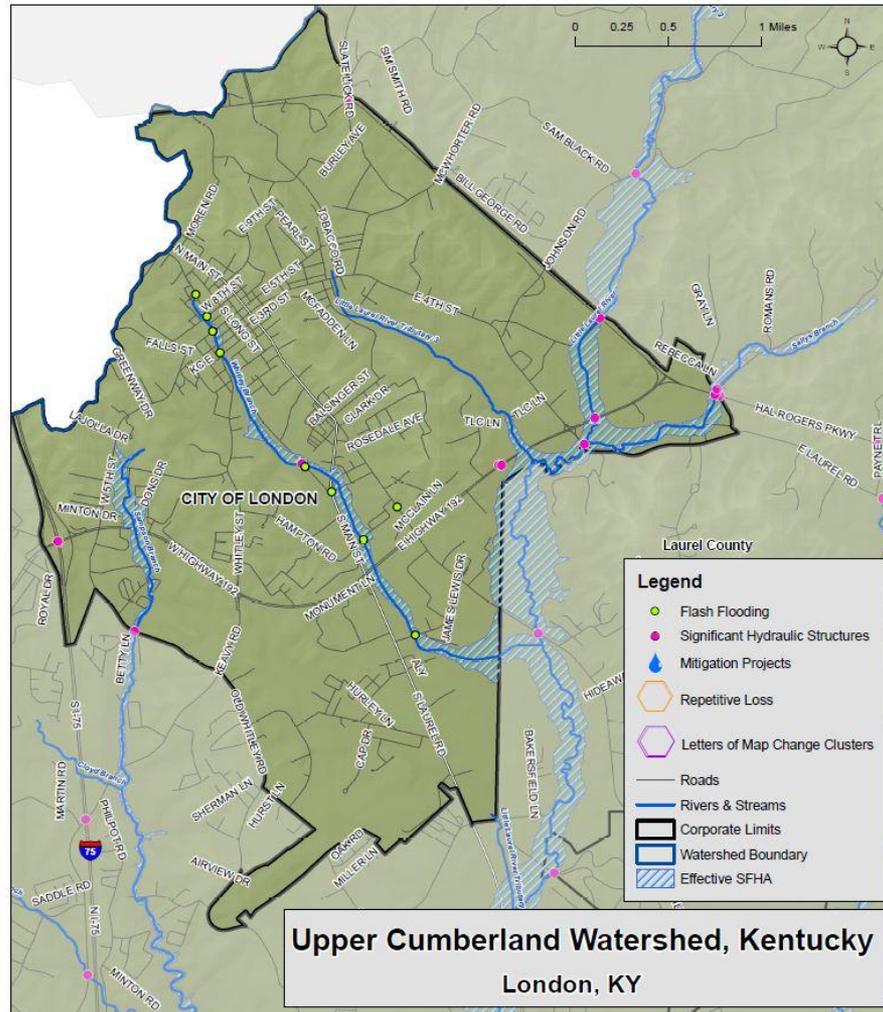
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# Risk MAP Data Collection Example



# Areas of Mitigation Interest Data Collection

## What are Areas of Mitigation Interest (AoMI)?

Many factors contribute to flooding and flood losses. Some are natural, and some are not. In response to these risks, there has been a focus by the FEMA, KDOW, and local communities to mitigate properties against the impacts of flood hazards so that future losses and impacts can be reduced. AoMIs are important to defining a more comprehensive picture of flood risk and mitigation activity in a watershed, identifying target areas and potential projects for flood hazard mitigation, encouraging local collaboration, and communicating how various mitigation activities can successfully reduce flood risk. Below is a table to complete regarding the AoMI in your community.

| Community Name     | Identified Areas of Mitigation Interest   | Mitigation Activity Identified with AoMI?                       | Long-term Actions Needed | Identified in a planning document?         |
|--------------------|---|---|--------------------------|--|
| EX: Flood City, KY | Ditch next to high school floods and overtops road during heavy rain. At intersection of Walnut and Oak Street. | Yes, clean out ditch and culvert regularly to prevent blockages | Replace Culvert          | YES, the Flood City Hazard mitigation Plan |
|                    |   |   |                          |  |
|                    |   |   |                          |  |
|                    |   |   |                          |  |
|                    |   |   |                          |  |

## AoMIs can include the following:

- Drainage or Stormwater-Based Flood Hazard Areas, or Areas Not Identified as Floodprone on the FIRM But Known to Be Inundated
- Stream Flow Pinch Points
- Areas where past claims occurred
- Levees and levee like structures
- Areas of Mitigation Success
- Essential or critical facilities in your community
- Dams
- Overtopping of emergency routes

Please email this completed form to Annemarie Cason, Outreach Specialist for the Kentucky Division of Water (KDOW) at [Annemarie.cason@kv.gov](mailto:Annemarie.cason@kv.gov).

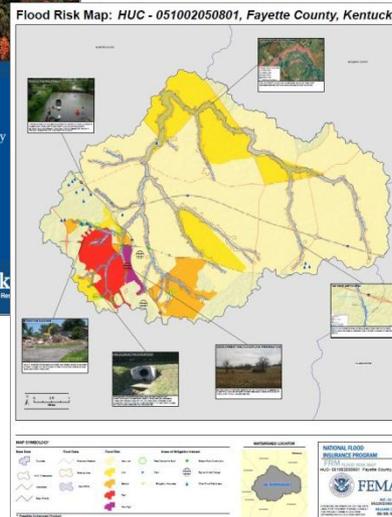
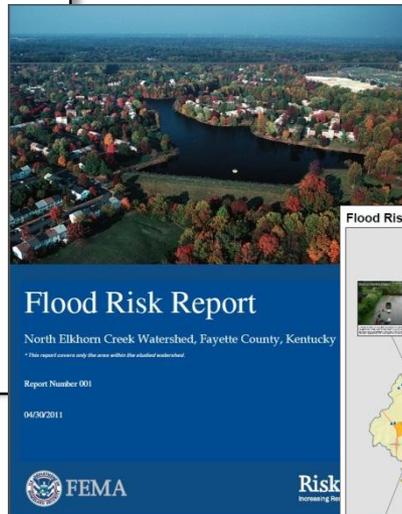


# Develop Non-Regulatory Products

## Non-Regulatory Flood Risk Products

### Flood Risk Database

- Community\_Panel\_Info
- L\_Comm\_Info
- L\_MT1\_LOMC
- L\_Pan\_Revis
- L\_Pol\_FHBM
- L\_Riv\_Model
- L\_Strn\_Start
- L\_Wtr\_Nm
- S\_Bfe
- S\_DOQ\_Index
- S\_Firm\_Pan
- S\_Gen\_Struct
- S\_Label\_Lid
- S\_Label\_Pt
- S\_LOMR
- S\_Perm\_Bmk
- S\_Quad
- S\_Riv\_Mrk
- S\_Trspot\_Ar





# Take Action

- **Mitigation and risk reduction can only happen at the local level.**
- **Risk MAP can provide:**
  - Risk identification and awareness
  - Education on mitigation alternatives
  - Technical and outreach assistance
- **Risk MAP can also provide information about:**
  - Hazard Mitigation Assistance grants
  - Other Federal Agency grants to support mitigation activities
  - Technical assistance provided by related trade associations

# Take Action - Mitigation



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