FEMA

Discovery Meeting

Teton Watershed, Idaho

Rexburg Chamber Conference Room
Thursday, April 28, 2011

RiskMAP
Increasing Resilience Together

Introductions

Meeting Objectives

- **Provide an overview of Risk MAP and Discovery**
- **Present known and best available data**
- **Discuss local flood risk and management**
- **Discuss the responsibility for communicating about risk to the public**
- **Discuss mitigation planning and projects**
- **Identify the most high-risk areas in the watershed**

Overview: Risk MAP

Map MODERNIZATION
Federal Emergency Management Agency

- Five year effort to modernize maps
- Result: digital flood data and digital maps for 92% of population
- Improved flood data quality

- Limited up-front coordination
- Scoping not mandatory
- Appendix I includes 200 pages of tables and templates

RiskMAP
Increasing Resilience Together

- Collaborative approach
- Goals: quality data, public awareness, action that reduces risk
- Watershed-oriented

- Focus on up-front coordination
- Discovery is mandatory
- Appendix I includes no templates and is currently draft

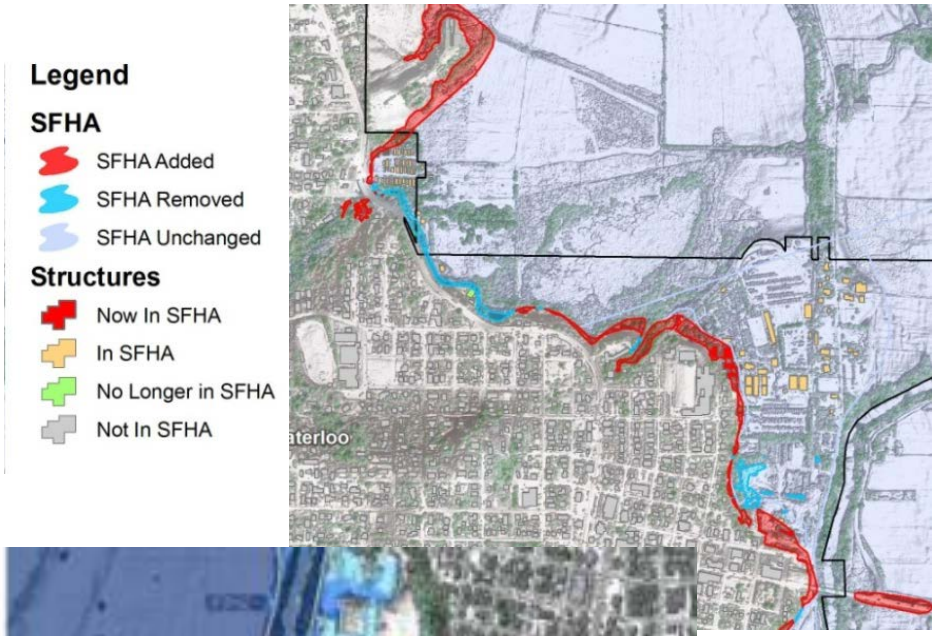
The Vision for Risk MAP

Through collaboration with State, Local, and Tribal entities, Risk MAP will deliver quality data that increases public awareness and leads to action that reduces risk to life and property

Risk MAP Products

Changes Since Last Map

- Improved outreach
- Increase transparency and trust



Multi-Frequency Depth & Water-Surface Elevation (WSE) Grids

10%, 2%, 1%, 0.5%, 0.2% annual chance profiles

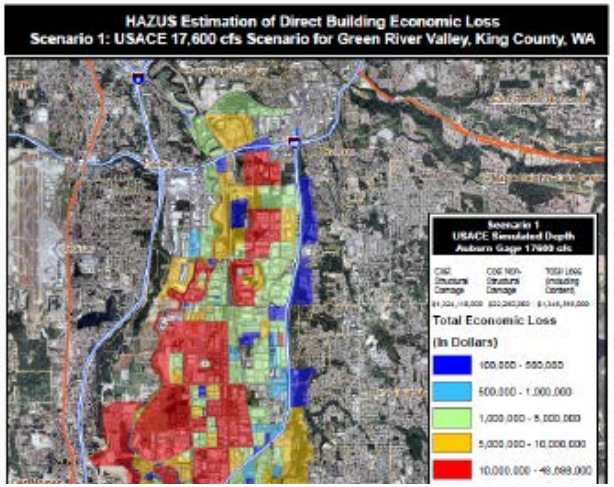
Inundation

- 3 feet or less
- 3 to 6 feet
- 6 feet +

Risk MAP Products

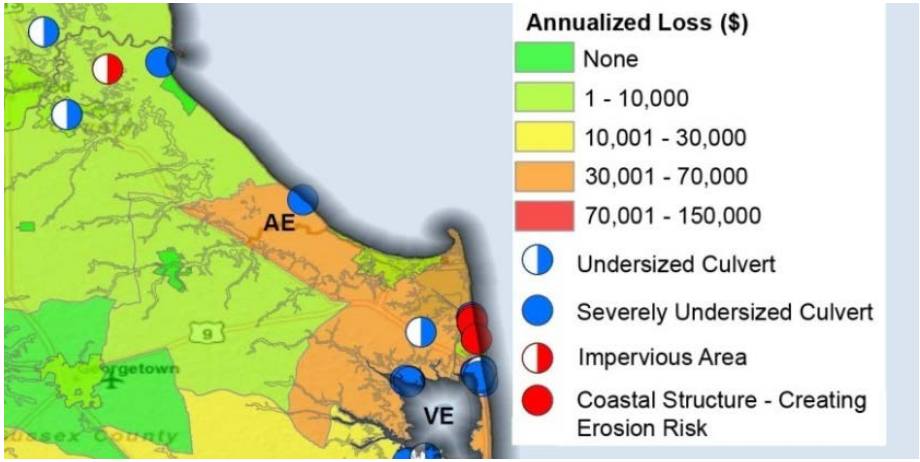
HAZUS Risk Assessment & National Flood Risk Layer

Enables communities to understand risk by reference to existing structure loss



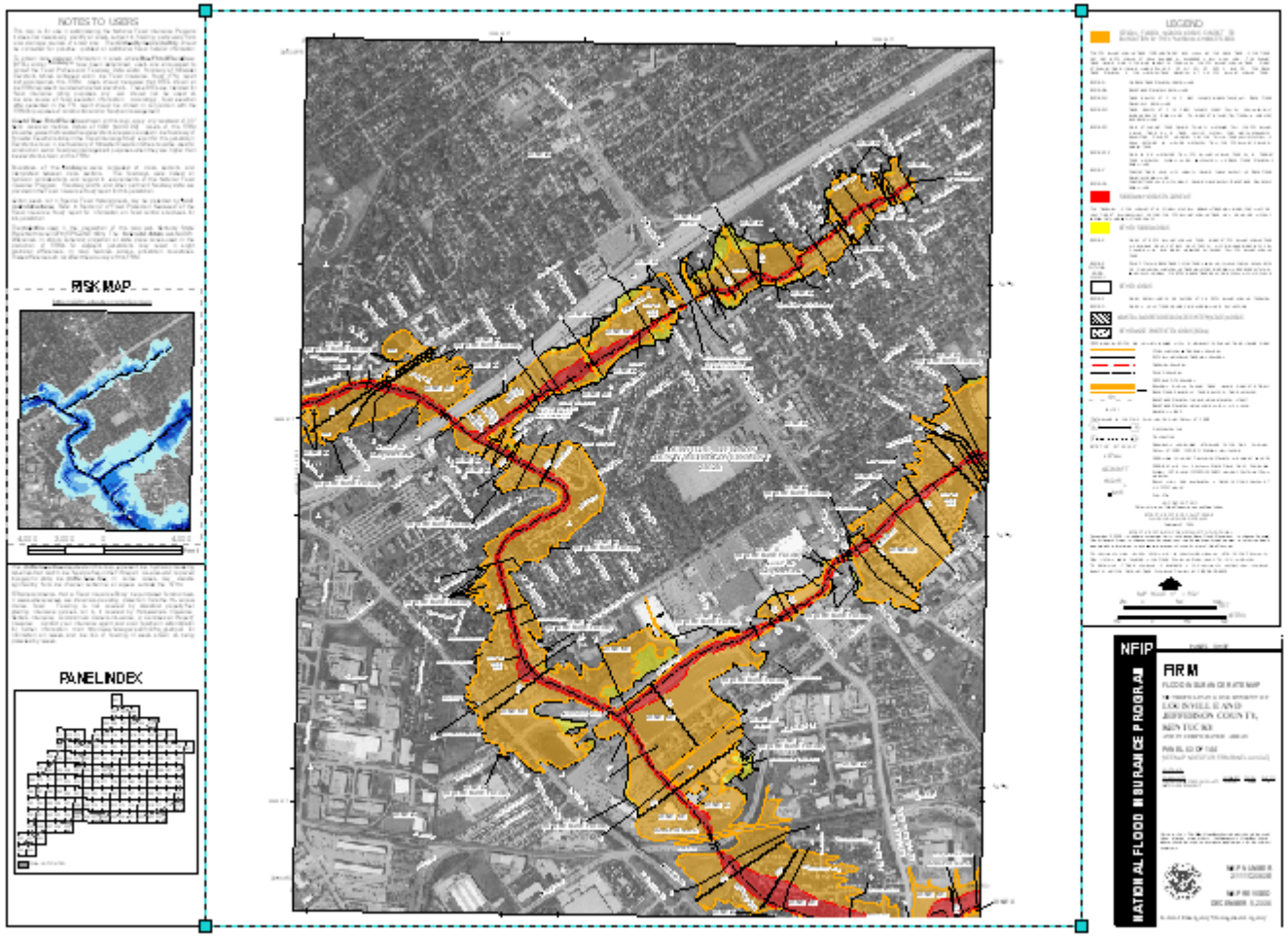
Contributing Flood Hazard Factors

Highlights areas of concern identified throughout project



Risk MAP DFIRM/FIS

FIS Reports and DFIRM Maps will continue to fulfill regulatory requirements and support the NFIP



Discovery

Discovery is the process of data mining, collection, and analysis with the goal of initiating a flood risk or mitigation project and risk discussions with the watershed

When:

- After an area/watershed has been prioritized
- Before a Risk MAP project is scoped or funded

Required for new and updated…

- Flood studies
- Flood risk assessments
- Mitigation planning technical assistance projects

Why:

- Increases visibility of flood risk information, education, involvement
- Helps inform whether a Risk MAP project will occur in the watershed

Discovery Discussions

- **View collected spatial data across watershed**
- **Discuss Areas of Concern: Identify Risk MAP Needs**
  - Need new flood study data?
  - Need support with mitigation planning?
  - Need mitigation projects?
  - Need training on floodplain management?
  - Need support developing a flood risk outreach program?
  - What else can FEMA do to help your community become flood resilient?
- **Next step: FEMA to identify Risk MAP Projects**