

**US Army Corps
of Engineers**

The Role of Levees in the National Flood Risk Management Program

Hazards Caucus Alliance



**Pete Rabbon
June 19, 2008**

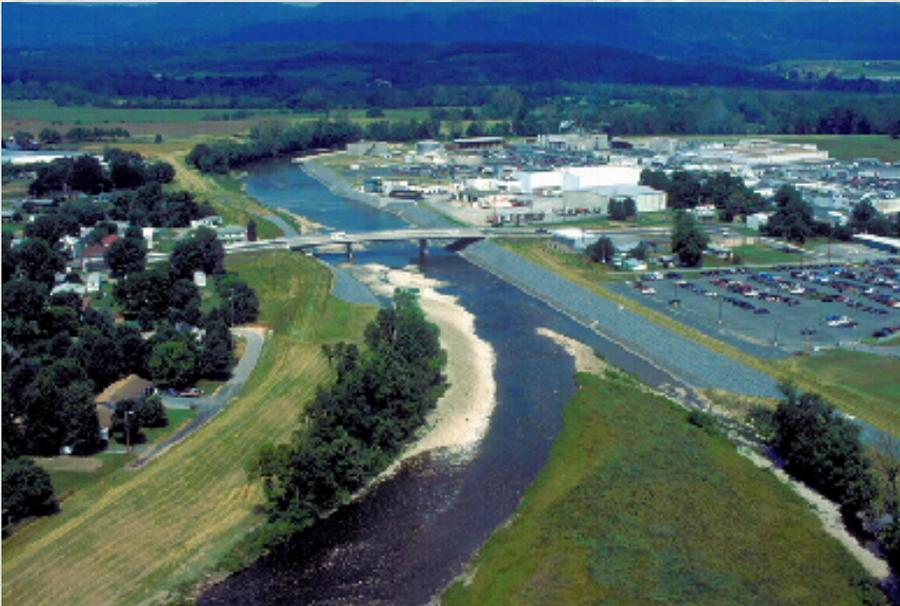


**US Army Corps
of Engineers**

Flood Risk Management Program

Vision: To lead collaborative, comprehensive and sustainable national flood risk management to improve public safety and reduce flood damages to our country.

Mission: To integrate and synchronize the ongoing, diverse flood risk management projects, programs and authorities of the US Army Corps of Engineers with counterpart projects, programs and authorities of FEMA, other Federal agencies, state organizations and regional and local agencies.





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Flood Risk Management Program

Strategic Goals

- 1. Provide current accurate floodplain information to the public and decision makers.**
- 2. Identify and assess flood hazards posed by aging flood damage reduction infrastructure.**
- 3. Improve public awareness and comprehension of flood risk.**
- 4. Integrate flood damage and flood hazard reduction programs across local, state, and Federal agencies.**
- 5. Improve capabilities to collaboratively deliver and sustain flood damage reduction and flood hazard mitigation services to the nation.**



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Flood Risk Management Program

Interagency Flood Risk Management Committee

- **Core Members: USACE, FEMA, ASFPM, NAFSMA Leadership**
- **Meet quarterly to discuss integration of programs and policies**
- **Current Focus Areas:**
 - Interagency Cooperation/Collaboration
 - Risk Communication
 - Levee Inventory and Assessments
 - Mapping, Certification, and Accreditation
 - Legislative Impacts

Universe of Levees

FEMA NFIP

Objective: Communicate the most current information for flood insurance purposes.

of Engineers

100-year

Level of Protection

NFIP & CORPS

Federal O&M

USACE built / Local O&M

Local built / Enrolled in RIP

CORPS only

New Nexus from WRDA 2007

1

2

3

4

USACE Dec07

Not to scale

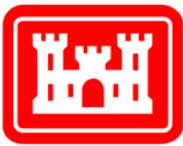
Levee Categories

USACE Inventory and Assessment

Objective: **Assess** all levees in USACE programs, regardless of level of protection.

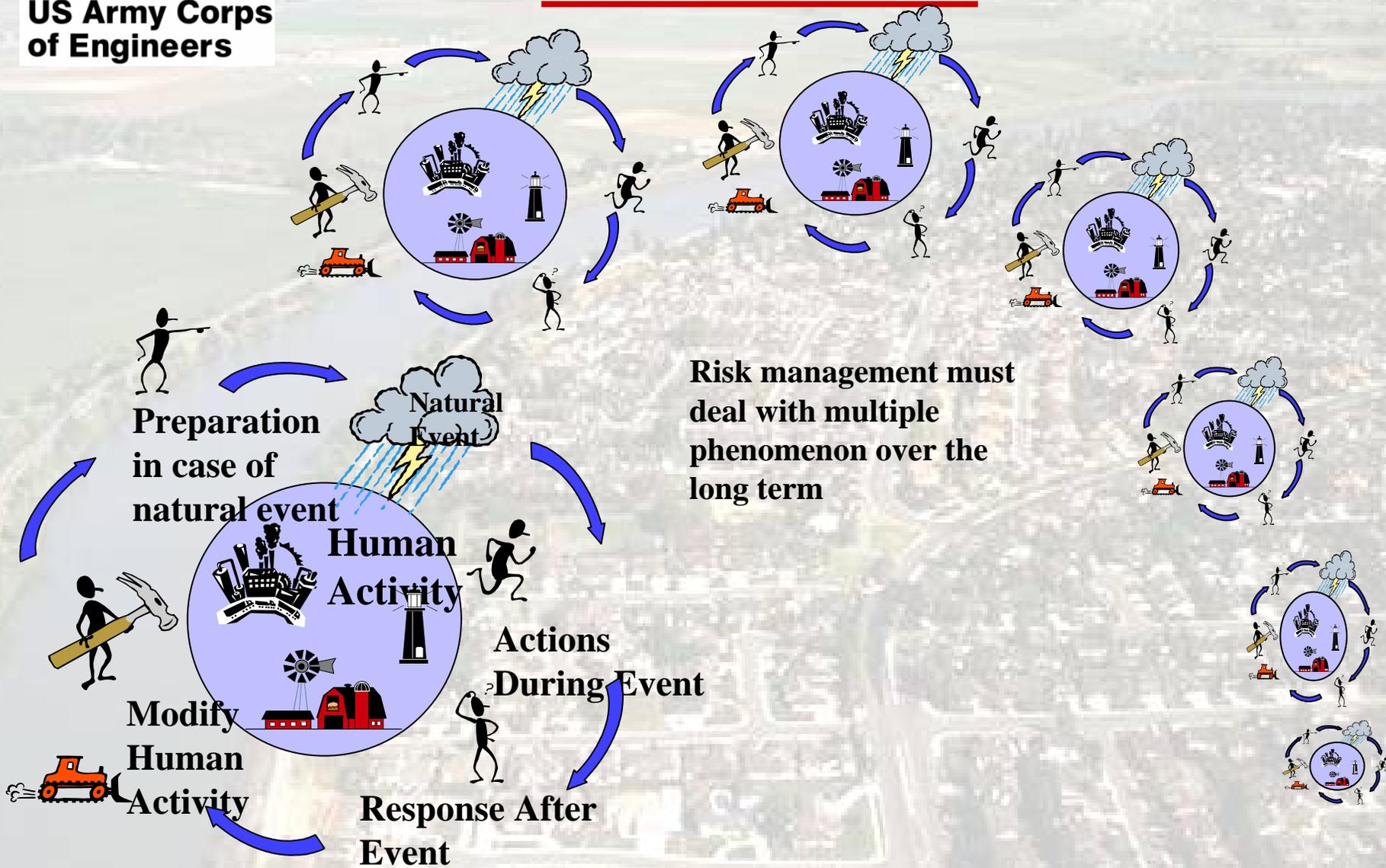
WRDA Authorities

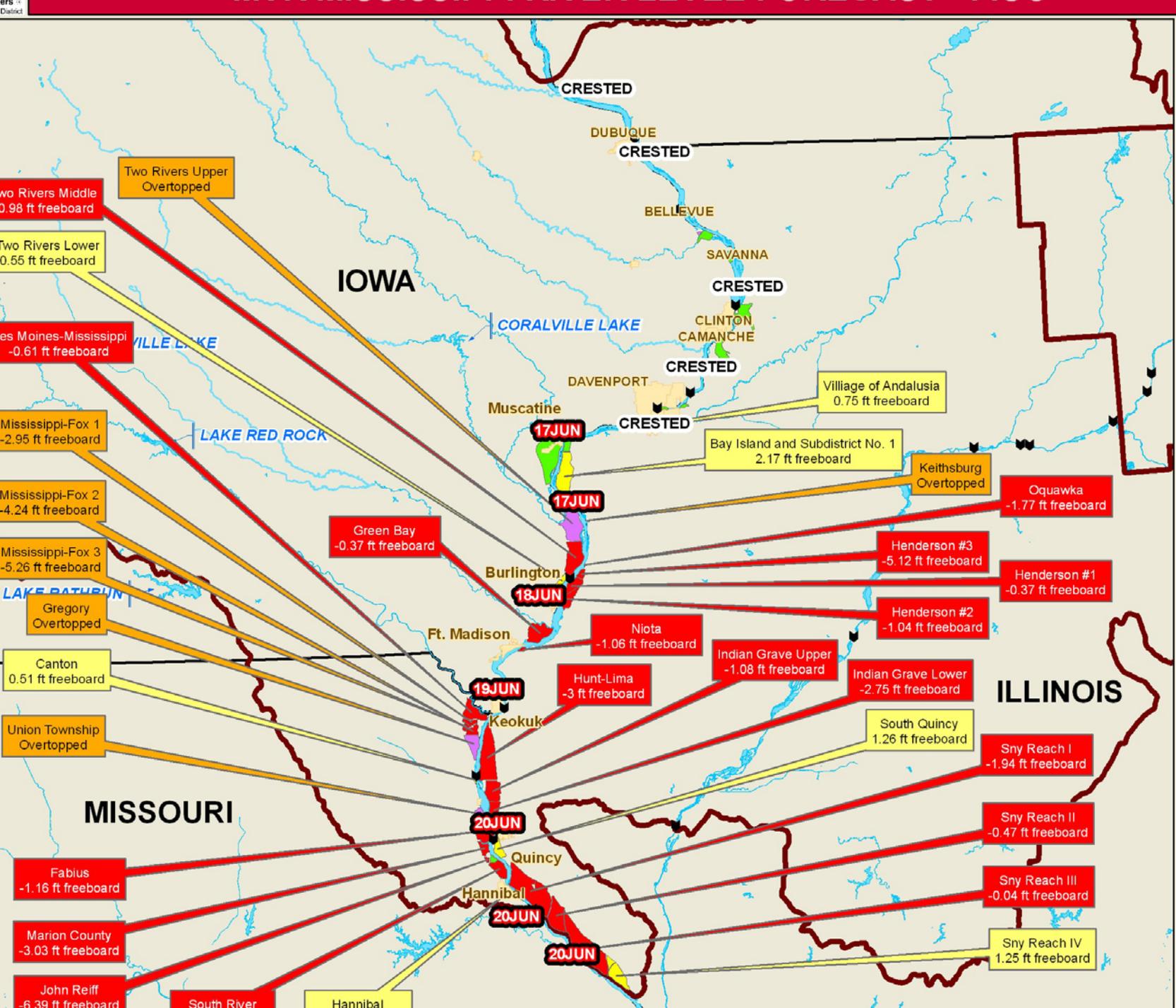
Objective: **Inventory** all levees in nation, lead strategic plan for a National Levee Safety Program



**US Army Corps
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EVENTS SHAPE NATIONAL POLICY





LEGEND

Levee Status*

- Forecasted freeboard, not overtopping
- Forecasted freeboard, not overtopping
- Forecasted overtopping
- Overtopped

Forecast crest dates shown in bold.

Red dates indicate forecast stage higher than 1993.

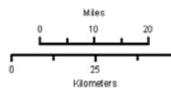
*Prediction based on N forecast crest stage from 16 JUN 2008 @ 1300.

Flood-fighting efforts not accounted for in freeboard forecast.

Locks and Dam

State EOCs

US Army Corps of Engineers
Rock Island District

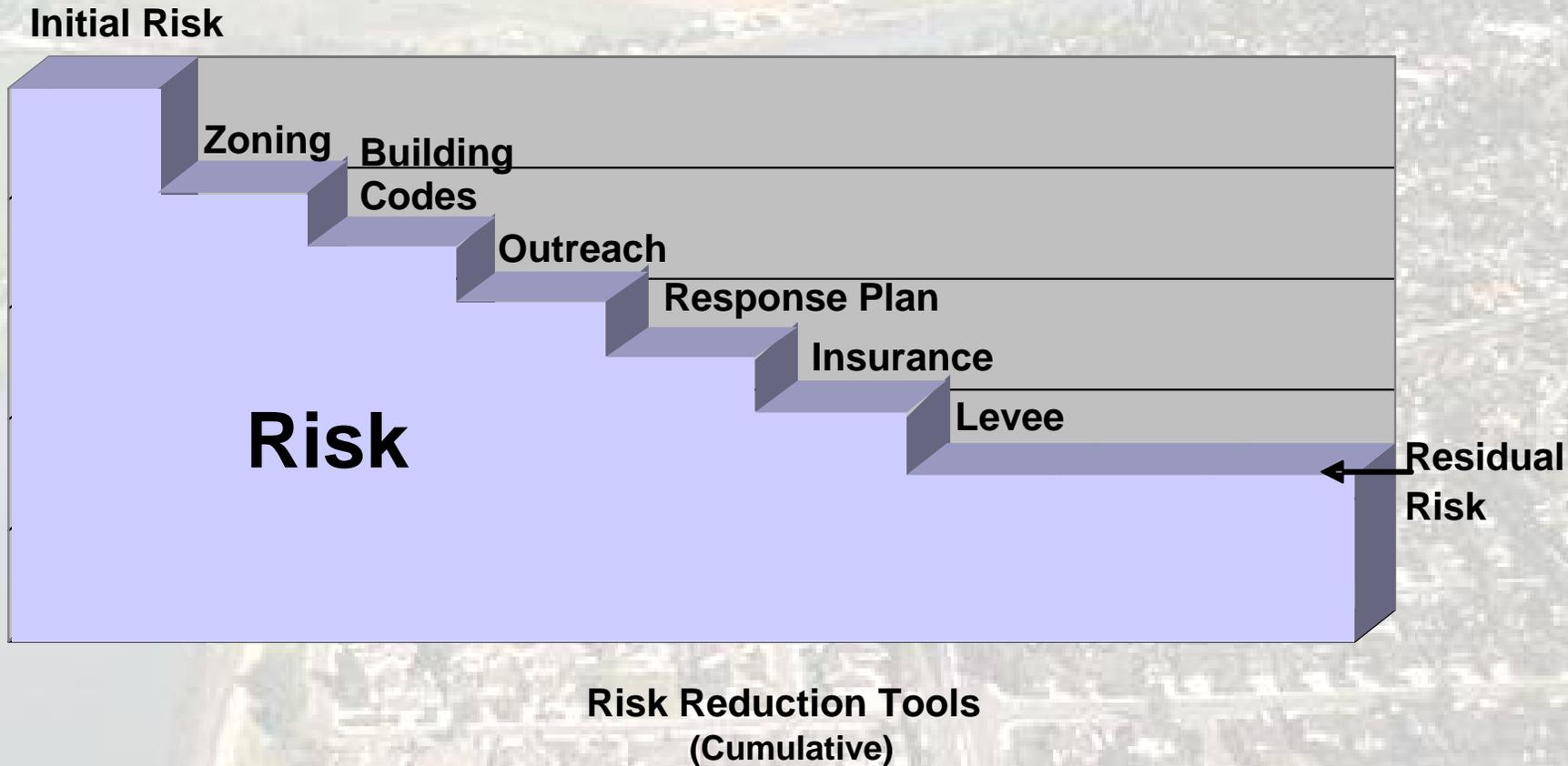




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FLOOD RISK MANAGEMENT

BUYING DOWN RISK



All stakeholders contribute to reducing risk!



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Flood Risk Management Program

<http://www.iwr.usace.army.mil/nfrmp/>

The screenshot shows a Microsoft Internet Explorer browser window displaying the National Flood Risk Management Program website. The browser's address bar shows the URL <http://www.usace.army.mil/nfrmp/>. The website header features the title "NATIONAL FLOOD RISK MANAGEMENT PROGRAM" in large, bold, gold letters. To the right of the title are logos for the US Army Corps of Engineers, FEMA, ASFP, and NAFSMA. Below the header is a navigation menu with links for "Contact Us", "Search", "Site Map", "IWR", "USACE", "FEMA", "ASFP", and "NAFSMA". The main content area is divided into several sections: "Current Issues and Topics in the News", "Learn More about the National Flood Risk Management Program", "Guidance and Policy", "Regional Coordination Activities", "Frequently Asked Questions", and "Presentations, Talking Points and Fact Sheets". A large aerial photograph of a river flowing through a city is the central visual element. To the right of the main text, there are three smaller inset images showing flood control infrastructure. The footer of the website includes the copyright notice "© 2007" and the text "usa.gov The U.S. Government's official web portal". The browser's taskbar at the bottom shows several open applications, including Microsoft Office Word, a file named "110 Assignment 2007", and the website being viewed.



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Flood Risk Management Program

Questions, Comments, Clarifications?

