LEVEE SAFETY SUMMIT PROGRAM AGENDA

Monday 2/25/08

10:00 am – 7:00 pm  REGISTRATION  4th Floor Reg.

12:00 pm – 5:00 pm  TECHNICAL FIELD TOUR  Gather by Entrance to AJ's, 1st Floor
This mobile class will demonstrate real structural and non-structural flood mitigation at work in the St. Louis vicinity. You may find a more detailed description elsewhere on the Summit web page www.floods.org/leveesafety.
     Hosted by U.S. Army Corps of Engineers, St. Louis District

1:00 pm – 2:30 pm  INFORMATIONAL BRIEFINGS ON FLOOD RISK-RELATED TOPICS
A. National Levee Safety Act of 2007  St. Louis F
On November 8, 2007, the Water Resources Development Act (WRDA) of 2007 was enacted into law and created the National Levee Safety Act of 2007. This Act directs development of a national levee safety program, in addition to inventory and inspection of levees. A sixteen member “Committee on Levee Safety” shall recommend a levee safety program within 180 days. This session will discuss progress made in the past three months and future directions.

B. Levee Safety and Security Discussion  St. Louis G
The Nation’s flood-risk reduction infrastructure systems are recognized as being part of the Nation’s critical infrastructure. The security and safety of the levees, floodwalls, canals, and hurricane barriers that comprise those systems are as critical to the Nation’s welfare as the safety and security of conventional dams. This session will discuss the latest activities to initiate a levee safety and security plan.

1:00 pm – 5:00 pm  EXHIBITORS SET-UP  St. Louis ABC

2:30 pm – 3:00 pm  Refreshment Break  St. Louis foyer

3:00 pm – 5:30 pm  TRAINING CLASS: Failed Dams and Levees: Examining Liability  St. Louis H
Past levee failures have led to law suits against defendants from state governments, local levee boards, and oil and gas companies to individual public officials, construction companies, and architects or design firms. We will examine the history and definitions of “strict” and “absolute” legal liability relative to dams and levees, reasons for their different treatment by the law under “duty of care” in “non-natural use of land”, and defenses in liability actions resulting from dam and levee failure. Participants will gain a deeper understanding of practical applications that communities, levee boards, and developers may take to reduce the threat of liability and flooding.

Instructors: Edward A. Thomas, Esq., Michael Baker, Jr., Inc., Floodplain Management Legal Issues Advisor; Michael J. Conrad, Jr., P.E., Michael Baker, Jr. Inc., Office Principal, Sacramento, California

5:30 pm – 7:00 pm  EXHIBITS NETWORKING RECEPTION  St. Louis ABC
Tuesday 2/26/08

7:00 am – 6:00 pm  REGISTRATION  4th Floor Reg.

7:00 am – 7:50 am  CONTINENTAL BREAKFAST  St. Louis ABC

PLENARY SESSION 1
8:00 am – 9:00 am  Welcome by Mayor Francis G. Slay, City of St. Louis (invited)
The Big Picture
  - Derek Guthrie, NAFSMA President, Louisville-Jefferson County MSD, Kentucky
  - Greg Main, CFM, ASFPM Vice Chair, Indiana State Floodplain Manager
  - Doug Lamont, Deputy Assistant Secretary of the Army, Civil Works
  - Dick Hainje, FEMA-DHS Region VII Administrator
Agenda and Process Overview
  - Linda Manning, Summit Facilitator, SRA International, Principal

9:00 am – 9:30 am  History of Levees in the United States  St. Louis D-E
This session will provide a brief history of levee programs in the U.S. as they relate to flood risk management policies, our challenges as a society, the relationship between levees and flood insurance, and more.
Dr. Gerald E. Galloway, Jr., P.E., Ph.D., Professor of Engineering and Public Policy, University of Maryland, College Park; U.S. Army Corps of Engineers’ Institute for Water Resources

9:30 am – 10:00 am  Break and Exhibits Viewing  St. Louis ABC

PLENARY SESSION 2
10:00 am – 12:00 pm  Status of Policies, Activities & Actions  St. Louis D-E
This session is designed to provide a common foundation for dialogue with participants, including history of levee building in the U.S., different types of levees and ownership, overview of major issues and challenges we have been hearing from our stakeholders, policy and programmatic changes to date at all levels of government, and new changes and considerations on the horizon.
  - Major General Don T. Riley, USACE, Director of Civil Works
  - David Maurstad, FEMA-DHS, Assistant Administrator, Mitigation Directorate
  - Doug Bellomo, FEMA-DHS, Risk Analysis Division Director
  - Ann Draper, NAFSMA rep; Santa Clara Valley Water District, California
  - Larry A. Larson, P.E., CFM, ASFPM Executive Director

12:00 pm – 1:50 pm  KEYNOTE LUNCHEON  2nd Floor Promenade C-D
Welcome by Colonel Lewis F. Setliff, III, Commander, St. Louis District, USACE
Mayor Michael Brown, Grand Forks, North Dakota
Grand Forks, ND, suffered incredible destruction in 1997 when a 500-year flood forced evacuation of nearly the entire population of 50,000 and fires gutted much of the downtown, making it the hardest hit in the Red River Valley. We'll hear how the city has surpassed pre-flood levels with a new levee system, massive greenways, and public and private developments, while diminishing the number of people at risk.

1:50 pm – 2:00 pm  Move to Group Discussion Sessions
Each Participant’s name badge displays the session order that has been pre-assigned in order to everyone to ensure balance in discussions. If your badge, for instance, says “Topic Sessions A D B C”, then you will go to those sessions in this order: at 2:00 Tuesday you go to Topic A in Room F, at 4:00 Tuesday you go to Topic D in the Rose Garden Room, at 8:30 Wednesday you go to Topic B in Room G, and at 10:30 Wednesday you go to Topic C in Room H. The Planning Team appreciates you honoring your assigned order. Thank you.
Tuesday 2/26/08, Continued

2:00 pm – 3:30 pm  
**Group Discussion Session #1** (First Rotation, All 4 Topics Concurrent)

**TOPIC A: Flood Maps and Levee Certification**  
This topic will focus on the status of mapping efforts including the Map Modernization process, how that process relates to levee certification, what trends we are seeing, how maps are being produced in communities with levees, FEMA considerations, the draft Engineering Technical Letter, and how certification and mapping processes are related. Questions for discussion include:
- What is required to certify my levee?
- Who is responsible for levee certification?
- How does levee certification relate to flood map modernization?

*Discussion Leader:* Doug Bellomo, FEMA-DHS, Risk Analysis Division Director

**TOPIC B: Public Safety and Levees**  
Discussions will cover issues related to operations and maintenance, vegetation, design standards for urban and rural levees (SPF/500/100) and protection of critical facilities. Key questions for discussion include:
- What happens if my levee fails inspection?
- Can levees have trees?
- Is a 100-year levee safe?
- Can operations and maintenance activities co-exist with environmental regulations?

*Discussion Leader:* Eric Halpin, USACE, Special Assistant for Dam & Levee Safety

**TOPIC C: Management Options for Flood Risk**  
This topic will include discussion of roles and responsibilities at the federal, state, and local levels regarding management of flood risk. Key questions for the discussion are:
- My levee has been decertified. Now what??
- What are the most useful roles of levee owners and various levels of government?
- How can we look beyond the symptoms of levee decertification and flood insurance to focus on the larger topic of risk reduction?
- What are some tips for working together across levels of government?

*Discussion Leader:* Dusty Williams, NAFSMA, Riverside County FCWCD, California

**TOPIC D: Risk Communication**  
Background will be provided on the risk communication efforts underway at FEMA and USACE. Issues to discuss include:
- What is residual risk?
- What are some practical ways to communicate the concept of residual risk?
- How should property owners be notified of residual risk behind levees?
- How can communities and property owners reduce residual risk?

*Discussion Leader:* Paul Osman, CFM, ASFPM, Illinois State Floodplain Manager

3:30 pm – 4:00 pm  
Break and Exhibits Viewing

4:00 pm – 5:30 pm  
**Group Discussion Session #2** (Second Rotation, All 4 Topics Concurrent)

**TOPIC A: Flood Maps and Levee Certification**  
**TOPIC B: Public Safety of Levees**  
**TOPIC C: Management Options for Flood Risk**  
**TOPIC D: Risk Communication**

5:30 pm – 7:00 pm  
**EXHIBITS NETWORKING RECEPTION**
LEVEE SAFETY SUMMIT PROGRAM AGENDA

Wednesday 2/27/08

7:00 am – 5:00 pm        REGISTRATION        4th Floor Reg.
7:00 am – 7:50 am        CONTINENTAL BREAKFAST        St.Louis ABC
8:00 am – 8:30 am        PLENARY SESSION 3        St.Louis D-E
Following a brief summary of Day 1, we will continue the rotation of concurrent discussion sessions.

8:30 am – 10:00 am        Group Discussion Session #3 (Third Rotation, All 4 Topics Concurrent)
TOPIC A: Flood Maps and Levee Certification        St.Louis F
TOPIC B: Public Safety of Levees        St.Louis G
TOPIC C: Management Options for Flood Risk        St.Louis H
TOPIC D: Risk Communication        Rose Garden

10:00 am – 10:30 am        BREAK and Final Exhibits Viewing        St.Louis ABC

10:30 am – 12:00 pm        Group Discussion Session #4 (Fourth Rotation, All 4 Topics Concurrent)
TOPIC A: Flood Maps and Levee Certification        St.Louis F
TOPIC B: Public Safety of Levees        St.Louis G
TOPIC C: Management Options for Flood Risk        St.Louis H
TOPIC D: Risk Communication        Rose Garden

12:00 pm – 1:30 pm        LUNCHEON and Networking Time        2nd Floor Promenade C-D

1:30 pm – 3:30 pm        PLENARY SESSION 4        St.Louis D-E
Report Back on Discussion Sessions
Session leaders will report back to the full assembly, with highlights of the discussions in their breakouts. There will be limited time for Q and A.

3:30 pm – 3:45 pm        BREAK        St.Louis Foyer

3:45 pm – 4:30 pm        CLOSING REMARKS        St.Louis D-E
Edward J. Hecker, USACE Directorate of Civil Works
David Maurstad, FEMA-DHS, Assistant Administrator, Mitigation Directorate

4:30 pm        ADJOURN

Certified Floodplain Managers will earn 12 Continuing Education Credits for full Summit participation.

LEVEE SAFETY SUMMIT Program Agenda, Page 4 of 5
Thursday 2/28

7:00 am – 1:30 pm  
REGISTRATION  
4th Floor Reg.

7:00 am – 7:50 am  
CONTINENTAL BREAKFAST  
St. Louis Foyer

8:00 am – 1:00 pm  
TECHNICAL FIELD TOUR  
Gather by Entrance to AJ’s, 1st Floor
This mobile class will demonstrate real structural and non-structural flood mitigation at work in the St. Louis vicinity. You may find a more detailed description elsewhere on the Summit web page at www.floods.org/leveesafety. 
Hosted by U.S. Army Corps of Engineers, St. Louis District

9:00 am – 11:30 am  
TRAINING CLASS  
Failed Dams and Levees: Examining Liability  
St. Louis H
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Instructor: Edward A. Thomas, Esq., Michael Baker, Jr., Inc., Floodplain Management Legal Issues Advisor; Michael J. Conrad, Jr., P.E., Michael Baker, Jr. Inc., Office Principal, Sacramento, California

OBJECTIVES

• Update national audience on the flood risk management policies related to levees that are under review and consideration by the federal agencies and their state, regional, and local government partners.
• Provide information and lessons learned on flood risk management, particularly in regard to the U.S. Army Corps of Engineers and Federal Emergency Management Agency coordination on the inventory and conditions of levees.
• Solicit broad feedback on policies, including levee certification/decertification, levee operation and maintenance, residual flood risk behind levees, vegetation management, flood insurance and mapping issues associated with levees, and the National Levee Safety Program.
• Conduct specialized training classes, technical field tour, and trade exhibits for in-depth inspection of flood management projects.

SPONSORS

Association of State Floodplain Managers (ASFPM)
National Association of Flood and Stormwater Management Agencies (NAFSMA)

COOPERATING PARTIES

U.S. Army Corps of Engineers
Federal Emergency Management Agency