

# SAME-ASCE MIDWEST LEVEE CONFERENCE

## MANAGING FLOOD RISK TOGETHER

*Hyatt Regency St. Louis Riverfront (formerly Adam's Mark) June 2-5, 2008*



**Come to St. Louis for the SAME-ASCE Midwest Levee Conference for design, methodology, and operational practices that you can put to work. Get ready for recertification and learn methods to improve your flood protection system for greater security behind your levees.**

**If you attended the ASFPM-NAFSMA Levee Safety Summit in February, you learned about levee certification, FEMA requirements, and liability. *Now come back to St. Louis to get the latest tools necessary to tackle those issues!***

[www.midwestleveeconference.com](http://www.midwestleveeconference.com)

Theme of Day One: Flood Risk Management		
Flood Risk Management, A Systems Approach		
IPET Findings and Lessons Learned from Hurricane Katrina in New Orleans		
Advanced Levee Technologies		
Historical Floods in the Midwest and Their Legacy		
Policy and Guidance	Infrastructure	Hydrologic and Hydraulic Considerations
Levee Safety Program Headquarters Perspective Continued	NOLA Floodwall Failure Modes	Revisions to Upper Mississippi and Missouri Rivers Flood Profiles
Seismic Activity & Vulnerabilities	NOLA Soil/Structure Interaction Problems	Interior Drainage Considerations
PL 84-99 Emergency Response and Repairs	Underseepage: the Silent Killer of Levees	Cumulative Effects of Levees in Floodplains
Federal Authorized Funding Programs	NOLA Full Scale Floodwall Load Test	Environmental and Socioeconomic Concerns
Risk Communication	National Levee Inventory Program	Multipurpose Levees Panel Discussion
Levee Inspection Tools		
Theme of Day Two: Levee System Assessments and Technology Exchange		
The Architect-Engineer (AE) Role		
FEMA's Flood Map Modernization (Map Mod) Program		
Short-Range Ensemble Forecasting (SREF)		
California Flood Safe Program		
USACE NFIP Levee Certification Criteria		
Flood Risk Management Systems	Levee and Floodwall Criteria	Innovative Technologies
New Look at Levee Risk Assessments	I-wall Floodwall Design Criteria	New Flood Fighting Products
California Critical Repairs Program	T-wall Floodwall Design Criteria	LIDAR, The Cost Effective Topographic Tool
Mississippi River (Lower) and Tributaries Project	California Levee Geotechnical Evaluation	New Hydrosurvey Technologies
Missouri River Levee Systems	Levee Vegetation Policy Revisions,	Slurry Cutoff Walls for Seepage Controls
Ohio River Levee Systems	Underseepage Design Criteria	Deep Soil Mixing Soil Improvements
Upper Mississippi River Comprehensive Plan	Embankment Stability Design Criteria	Directional Drilling Under Levees
Theme of Day Three: Continuing Challenges		
Local Cost Share Opportunities		
Panel Discussion – Levee Safety, Emergency Response, and Communications Strategy (USACE, STARRS, MO SEMA, IL)		
Bi-State Regional Levee Summit, Hosted by East-West Gateway Council of Governments (USACE, Illinois Counties of Madison, St. Clair and Monroe, City of St. Louis, East-West Gateway)		