ASFPM 2010 CONFERENCE TEAM
May 16 - 21, 2010, Oklahoma City, OK

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WELCOME!

Welcome to the 34th annual conference of the Association of State Floodplain Managers! We’re glad that you could join us in Oklahoma City. This Pocket Guide will help you get the most out of your week, so be sure to keep it close at hand.

YOUR NAME BADGE IS REQUIRED TO GET YOU INTO EVERYTHING YOU REGISTERED TO ATTEND, YOU MUST WEAR IT ALL WEEK IN ORDER TO BE ADMITTED. If you have questions, see ASFPM staff at the registration desk or ask one of the local host volunteers - they will be wearing visible vests while on duty. Please enjoy your week as you delve into the most comprehensive floodplain management training & networking opportunity in the country!

General Information

Registration Desk  
1st Floor Foyer
The Registration Desk is located on the first floor. They will be open to serve you from 7:30-5 Sunday, 7-5 Monday-Thursday and 7:30-noon Friday. Registration will close during the plenary sessions and luncheons.

Program HQ and Speaker Prep Room  
MR 21
Program Coordinator Steve McMaster will be available to assist you with program concerns throughout the week in Meeting Room 21 on the Second Floor. Speakers may practice your presentations here and get them queued up for your session.

Local Host / Volunteer HQ  
MR 8
The local host team Oklahoma Floodplain Managers Association coordinates the volunteers required for the many duties it takes to help operate the conference and sell conference memorabilia. This room is near the Registration Desk.

Message Board  
1st Floor Foyer
The message board will display special notices, schedule or room changes, phone messages, job postings, ticket exchanges, menus, lost and found, ride-sharing, and other information. It is by Registration.
MEETING ROOM ASSIGNMENTS

All on-site conference activities take place at the Cox Convention Center, 1 Myriad Gardens, Oklahoma City, OK. The location of each session is listed to the right of the event name. The technical concurrent session program follows eight general themes during those blocks Tuesday through Thursday.

Track # ........................................................................................................ Title
1 .......................................................................................................................... Rivers, Lakes, and Oceans
2 .......................................................................................................................... Showcase Sessions
3 ......................................................... National Flood Insurance Program (NFIP)
4 .......................................................................................................................... Flood Loss Mitigation
5 .......................................................................................................................... Levees and Dams
6 ......................................................... NAI, Success Stories, and Community Engagement
7 .......................................................................................................................... Floodplain Mapping: Technology
8 .......................................................................................................................... Floodplain Mapping: Application

First Timers Orientation will be held Sunday at 3:00p and 5:00p, Monday at 10:00a and 3:00p, and Tuesday at 10:00a. New attendees should plan to attend one of these 15-minute sessions to help you get the most out of the week! Meets near Registration.

Meeting Room Abbreviations
1st & 2nd Floor Meeting Rooms......................................................... MR 1 – etc.
2nd Floor BallRoom ........................................................................ BR A - etc.
1st Floor Exhibit Hall.............................................................................. Exh.
Registration, 1st Floor Foyer.............................................................. Reg.

Field Tours Departure Point – “Bus Load”
The bus loading area is near Registration, just outside the northwest entrance to the convention center, near the exit closest to the Sheraton Hotel.
Agency Sponsors

Oklahoma Floodplain Managers Association
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The National Weather Center
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**ASFPM 2010 CONFERENCE PROGRAM**

**Saturday, May 15, 2010**

8:30-5:30  **ASFPM Board Meeting**  
**MR 14-15**

**Sunday, May 16, 2010**

7:00-3:00  **Golf Tourney**

**Technical Field Tours**

9:00-Noon  **OK River Lock & Dam**  
**Bus Load**

9:00-3:30  **USDA Grazing Lands, Ft. Reno**  
**Bus Load**

1:00-4:00  **OK River Lock & Dam**  
**Bus Load**

**Workshops and Training**

9:00-5:00  **CFM Refresher Course**  
**MR 16**

*Instructors:* Diane Calhoun, CFM, Michael Baker Corp.; John Ivey, PE, CFM, Halff Associates, Inc.

10:00-Noon  **FEMA Digital Flood Mapping**  
**MR 9**

*Products: Tools to Make Your Life Easier*


**Implementing Your Multi-Hazard Mitigation Plan**  
**MR 17**

*Instructors:* Cindy Popplewell, PE, CFM, Laura Nay, CFM, AMEC

9:00-10:30  **Break, Sponsored by AMEC**  
**2nd Floor**

Noon-1:00  **Lunch on your own**

**Workshops and Training, cont.**

1:00-5:00  **Floodplain Management:**  
**Adapting to a Changing Climate**  
**MR 19**

*Instructors:* Michael DePue, PE, CFM, Jen Marcy, CFM, PBS&J; Bob Freitag, CFM, University of Washington
Introduction to GIS for Floodplain Administrators  
*Instructors:* Jeff Stone, GISP, CFM, ASFPM; Aaron Parkinson, CFM, AECOM  

Hydrology and Hydraulics for Non-Engineers  
*Instructors:* Kingsley Allan, GISP, CFM, University of Illinois; Prasad Inmula, PhD, PE, CFM, FEMA’s Emergency Management Institute  

Updating Your Multi-Hazard Mitigation and CRS FPM Plans  
*Instructors:* David Stroud, CFM, Jeffrey P. Brislawn, CFM, AMEC Earth & Environmental  

Using FEMA’s New SI/SD Desk Reference  
*Instructors:* Jack Anderson, CFM, FEMA; Rebecca Quinn, CFM, RC Quinn Consulting, Inc.  

2:00-4:00  Low-Impact Development: Managing Wet Weather with Green Infrastructure  
*Instructor:* Lisa Hair, PE, USEPA  

Negotiation Tools for Floodplain Managers  
*Instructors:* Edward A. Thomas, Esq., Michael Baker, Jr., Inc.  

FloodManager – Experience a Town at Risk (Free Walk-In Session)  
*Instructors:* Curtis B. Beitel, PE, CFM, Jacobs Engineering; Wallace Wilson, PE, CFM, W.A. Wilson Consulting Services, LLC  

1:00-5:00  ASFPM Committee Chairs Meeting  

3:00-3:15  First Timers Orientation  

3:00-3:30  Break, Sponsored by Dewberry  

5:00-5:15  First Timers Orientation  

5:00-7:30  Dinner on your own
5:30-7:00  **State Floodplain Managers & Hazard Mitigation Officers Meet and Greet** (by invitation)

7:30-10:00  **Welcome Fest**  *Sheraton Hotel Pavilion*
Reacquaint with past friends and meet new ones as you enjoy delightful desserts!
*Sponsored by NOAA
Co-Host: Oklahoma Floodplain Managers Association

**Monday, May 17, 2010**

**Workshops and Training**

8:00-5:00  **Floodplain Management 101**  *MR 11-12*
*Instructors:* Jen Marcy, CFM, PBS&J; Jack Graham, CFM, Lisa Jennings, CFM, FEMA RVI; Al W. Goodman, Jr., CFM, MS Emergency Management Agency

**National Weather Center Combination**  *Bus Load*
Tour and Workshop
*Instructors:* Dale Morris, Suzanne VanCooten, PhD, NOAA

8:00-Noon  **Achieving Mitigation Funding in a Changing HMA Grants World**  *MR 1*
*Instructors:* Tony Hake, Zach Usher, FEMA

**Building Public Support for Floodplain Management**  *MR 2*
*Instructors:* Desiree Companion, CFM, Sarasota County, FL; Traci Sears, CFM, MT Dept. of Natural Resources and Conservation; Alisa Sauvageot, CFM, Michael Baker, Jr., Inc.

**Improving Basin Model Calibration Using Gage and Radar Precipitation**  *MR 3*
*Instructors:* John F. Henz, William J. Badini, CFM, HDR Engineering

**USGS Flood-Frequency Analysis and Related Floodplain Management Tools Part I: Flood-Frequency Analysis Overview**  *MR 9*
*Instructors:* Robert Mason, PE, Kate Flynn, USGS
9:00-11:00  **Protecting Manufactured Homes from Floods and Other Hazards**  
_instructors_: John Squerciati, PE, CFM, Dewberry; John Ingargiola, PE, CFM, FEMA

**Risk MAP Production and New DFIRM & LOMR Submission Process**  
_instructors_: Alex Haptemariam, PE, CFM, Sudhanshu Mishra, PE, CFM, Greenhorne & O’Mara, Inc.

1:00-3:00  **Flood Zone Determinations: Challenges, Discrepancies, and Solutions**  
_instructors_: Leila Taha, Scott Giberson, CFM, NFDA

1:00-5:00  **USGS Flood-Frequency Analysis and Related Floodplain Management Tools Part II: Flood-Frequency Determination**  
_instructors_: Robert Mason, PE, Kate Flynn, USGS

**How to Develop a Cracker-Jack Ordinance, Including Higher Standards**  
_instructor_: Dale Hoff, CFM, FEMA R-VI

**Local and Tribal Mitigation Planning Workshop**  
_instructor_: Diana Coho, CFM, FEMA

**Pre-Disaster Planning for Post-Disaster Environments**  
_instructors_: Heidi Carlin, CFM, URS Corporation; Tom Hirt, CFM, FEMA’s Emergency Management Institute; Mitch McDonald, CFM, Terrebon Parish, LA

**1D/2D Modeling of Floodplain Structures with XPSWMM 2D**  
_instructors_: Colby T. Manwaring, PE, XP Software; Bill Syme, BMT WBM, Australia
National Policy Issues Discussions
8:00-9:00 General FPM Policy Issues  
Overview and Legislative Update  

9:00-9:30 Break, Sponsored by USGS  

9:30-Noon Mapping & Eng. Standards  
Mitigation  
Floodproofing  
Professional Development,  
Training & Outreach, Int’l Issues  

10:00-10:15 First Timers Orientation  

Noon-1:00 Lunch on your own  

National Policy Issues Discussions, Cont’d
1:00-3:30 Coastal Issues  
Stormwater Management,  
No Adverse Impact, and Natural & 
Beneficial Functions  
Arid Regions Issues  
Flood Insurance  
Floodplain Regulations  

3:00-3:15 First Timers Orientation  

3:00 - Silent Auction  
7th Annual FUNdraising activity for the 
ASFPM Foundation  

3:30-4:00 Break, Sponsored by Accenture  

4:00-5:00 ASFPM Members Meeting  
4:00-7:00 CFM Exam  
5:00-5:20 Moderators Coordination  
5:00-7:00 Exhibits Grand Opening  

7:00 . . . Dinner on your own, enjoy your evening
Tuesday, May 18, 2010

**Plenary Session 1**

*Welcome Address: Lieutenant Governor Jari Askins, State of Oklahoma*

**CREATING THE DESIGN – Managing Flood Risk**

It is critical that we reduce the flood risk to lives, property, and to the natural functions and resources in floodplains, working to meet the needs of the present population without compromising those of the future. What are the challenges to minimizing flood risk? How can we implement successful strategies to protect floodplain resources in the future?

1. **New Research – Influencing the Behavior of Individuals to Prepare for and Mitigate Flood Risk:** Dr. Dennis Mileti, Professor Emeritus, University of Colorado-Boulder

2. **Challenges and Opportunities for Managing Flood Risk and Floodplain Management Resources:** Doug Plasencia, PE, CFM, ASFPM Watershed POD Facilitator, ASFPM Foundation Trustee; Vice President, Michael Baker, Jr., Inc.

**Moderator:** Greg Main, CFM, ASFPM Chair, State Floodplain Manager, Indiana DNR

**10:00-10:30 Break, Sponsored by Gannett Fleming Exhibits, Silent Auction**

**10:00-10:15 First Timers Orientation**

**10:30-Noon Concurrent Session A**

**A-1 Sea Level Rise**

*Moderator: Pam Pogue, CFM, URS Corporation, ASFPM Coastal Issues Committee*

**Using CanVis to Visualize Coastal Issues.** Hansje Gold-Krueck, Chris Haynes, NOAA Coastal Services Center

Outrun the Flood: Long-term Coastal Strategies for Floodplain Management and Mitigation of Sea Level Rise. Darryl Hatheway, CFM, AECOM

A-2 HDR Showcase: Securing the Safety Provided by Our Nation’s Levee System

A-3A Post-Disaster Complexities for Non-Participating Communities
Moderator: Bill Nechamen, CFM, NY State Department of Environmental Conservation, ASFPM Treasurer

The Eagle That Ice Could Not Kill. Taunnie Boothby, CFM, AK State Floodplain Manager; Mike Riedy, CFM, Nick Delmedico, CFM, FEMA R-X

Learning from Failure: The Lake Delton Experience. Miriam Gradie Anderson, Gary Heinrichs, WI Department of Natural Resources

Complications of Community Non-Participation Following the 2009 Georgia Floods. Susan W. Wilson, CFM, FEMA R-IV

A-3B CRS Success Stories
Moderator: Bill Lesser, CFM, FEMA-HQ

Licking County - A View from the First Class 7 CRS Community in Ohio: Challenges, Successes, and Opportunities. Jim Mickey, CF, FF2, OPSI, CFM, Jerry Brems, CFM, Licking County Planning Commission

FAST in Texas – CRS Users Group. Ross Richardson, CFM, FEMA R-VI

Targeting Severe Repetitive Loss Properties
Moderator: Cindy Popplewell, PE, CFM, AMEC Earth and Environmental

Leveraging Local, State, and Federal Funds for Flood Mitigation. Kathy Hopkins, CFM, TX Water Development Board

Mitigation Plan Update: An Opportunity to Mitigate Repetitive Loss Properties using FEMA’s National Tool (NT). Shubha Shrivastava, AICP, CFM, Jen Sparenberg, CFM, URS Corporation

Targeting Severe Repetitive Flood Losses: Reducing the Continuing Threat to the National Flood Insurance Program. Deborah G. Mills, CFM, Dewberry

Mapping Outreach
Moderator: Bruce Bender, Bender Consulting Services, Inc., ASFPM Insurance Committee

Outreach Tools For Rural Counties. Collis Brown, CFM, GA Department of Natural Resources; Duncan Hastie, PE, Dewberry
Charting the Course of Risk MAP in Region VI. Gary Zimmerer, PE, FEMA R-VI; Michael Anderson, PE, D.WRE, CFM, DHI Water & Environment; Elizabeth Savage, PE, URS Corporation

“Lets Blog Together”- New Solutions to Addressing Appeals and Protest Resolutions in Bexar County, Texas. Jerry Clark, PE, CFM, Michael Baker, Jr., Inc.; Nefi Garza, PE, CFM, San Antonio River Authority

Coordinating Needs Management Strategy
Moderator: Jeanne Ruefer, CFM, Accenture, ASFPM Arid Regions Committee

Weaving the Common Thread: An Approach for Symbiotic Integration of CNMS into NFIP Processes Supporting FEMA’s Vision of “A Nation Prepared”. Michael Bishop, CFM, Michael Baker, Jr., Inc.

A Coordinated Needs Management Strategy (CNMS) GUI for CTPs. Alicia Williams, CFM, Stephen Noe, PE, CFM, AMEC Earth and Environmental


Local Floodplain Management Initiatives
Moderator: Tim Trautman, PE, CFM, Charlotte-Mecklenburg County, ASFPM Mapping & Engineering Standards Committee

Map Modernization Protocol for Bridge Replacement Projects. Gary Guhl, PE, CFM, Michele Seib, Amy Bergbreiter, PE, CFM, PBS&J
South Boulder Creek Floodplain Delineation Study: Rooted in Reality. William Badini, CFM, John Henz, CCM, HDR Engineering, Inc.

A Unique Approach to Integrating Local Municipal Needs with Floodplain Mapping Updates in Mecklenburg County, NC. Robert Billings, PE, CFM, Mecklenburg County; Danée McGee, PE, CFM, City of Charlotte; Neal Banerjee, PE, CFM, Michael Baker Corporation

Noon-1:30 KEYNOTE LUNCHEON SPONSORED BY URS


ASFPM Foundation Update

1:45-5:45 Technical Field Tour

Evolution of Stormwater Detention, Norman

1:45-3:15 Concurrent Session B

B-1 Coastal Decision-Making Information MODERATOR: Allison Hardin, CFM, City of Myrtle Beach, SC, ASFPM Coastal Issues Committee

Tying Flood Maps to Building Information and Education. Patricia Skinner, LSU AgCenter and Sea Grant Extension; Cindy O’Neal, CFM, LA Department of Transportation and Development

Reaching out to the Texas Gulf Coast with TXCHART: Texas Coastal Hazard Analysis Resources & Technology. Diane Howe, CFM, FEMA R-VI; Jerri Daniels, GISP, CFM, Dewberry/RAMPP
The StormSmart Coasts Network: Connecting Coastal Decision Makers to Resources and Each Other. Wesley Shaw, Blue Urchin Consulting

Dewberry Showcase: Building Blocks to Reduce Risk from Multiple Hazards
Moderator: Grant Smith, PE, CFM, Dewberry

Techniques for Developing Risk Assessment Products for Low Priority Risk MAP Streams. Mat Mampara, CFM, Dewberry; David Key, PE, CFM, ESP Associates

The Future of Coastal Flood Analysis, Where Do We Go From Here? Jeff Gangai, CFM, Elena Drei-Horgan, CFM, Dewberry


Higher Regulatory Standards Management Decisions
Moderator: Alisa Sauvageot, CFM, Michael Baker, Jr., Inc., ASFPM Region 9 Director


Floodplain Regulations in the Delaware River Basin: A Watershed Approach to Higher Standards. Laura Tessieri, PE, CFM, DE River Basin Commission; Joseph Ruggeri, PE, CFM, NJ Department of Environmental Protection
Floodplain Management Challenges in the Rapid Growth Suburbs. Jeff Bigby, PE, CFM, City of Broken Arrow, OK

B-4A Risk Assessments: Putting The “A” in Risk MAP
Moderator: Lillian Pitts Robison, Michael Baker Jr., Inc.

Using HAZUS to Inform the Public about Flood Risk. Rob Flaner, CFM, Bill Bohn, CFM, Tetra Tech, EAS


Leveraging Rich GIS and DFIRM Datasets for Enhanced Risk Assessment and Communication: Region VI HAZUS Level 2 Proof of Concept. David Key, PE, CFM, ESP Associates; Roberto Ramirez, CFM, FEMA R-VI

B-4B Getting the Most Out of Hazard Mitigation Planning
Moderator: Alessandra Jerolleman, CFM, MPA, Natural Hazard Mitigation Association

Panel Discussion featuring Ed A. Thomas, Esq, Michael Baker, Jr., Inc.; French Wetmore, CFM, French & Associates; Ron Flanagan, CFM, RD Flanagan & Assoc.; Alessandra Jerolleman, CFM, MPA, Natural Hazard Mitigation Association

B-5 Challenges with Levee Recertification
Moderator: Brad Anderson, PE, CFM, Anderson Consulting Engineers, Inc., ASFPM Chapters District 4 Director
COX BUSINESS SERVICES CONVENTION CENTER - FIRST LEVEL

Exhibit Hall

Registration Desk

BUS: 9 10 11 12
OFF: 1 2 3 4 5 6 7 8 9
COX BUSINESS SERVICES CONVENTION CENTER - SECOND LEVEL

Native American Board Room
Dallas County Levees: Nothing is Ever Straightforward. David Patterson, PE, D.WRE, CFM, Michael Baker, Jr., Inc.

Fixing Sacramento’s Levees Takes More Than Piling Up a Bunch of Dirt. John Baker, PE, FACEC, Kleinfelder


9 Easy Steps to Green Infrastructure Program Implementation for Your Community. Kari Mackenbach, CFM, URS Corporation

What We Do...Storm Water. Raymond Melton, CSI, CPESC, City of Oklahoma City

Roadway To Implementation – How A Small Oklahoma Community Adopted A Successful Stormwater Program. Ana Stagg, PE, CFM, Meshek & Associates, PLC; Roger Stevens, City of Owasso, OK

Utilizing GIS For Floodplain Management. Moderator: Matt Koch, PE, CFM, AECOM

Leveraging Byproducts of Automated Floodplain Mapping Technology for Risk Assessment and Public Awareness. Tucker Clevenger, PE, CFM, Matt Breen, PE, CFM, AMEC Earth and Environmental; Robert Pierson, FEMA R-III

Automated Visual Floodway Modeling using HEC-RAS and ArcGIS. Ken Logsdon, Jr., Sivasankkar Selvanathan, PhD, Dewberry

3:15-3:45 Break, Sponsored by Dewberry Exhibits, Silent Auction

3:45-5:15 Concurrent Session C

C-1 Stream Assessments and Restoration  
Moderator: Christy Miller, CFM, Tetra Tech, ASFPM NAI Committee

Floodplain Management, Naturally - San Antonio River Authority’s Stream Restoration Program. Jim Boenig, PE, San Antonio River Authority; Ramesh Chintala, PE, D.WRE, CFM, Michael Baker, Jr., Inc.

A Spatial Planning Approach for Arlington’s Comprehensive Stream Management Plan. Curtis Beitel, PE, CFM, Jacobs Engineering Group; Bill Brown, PE, City of Arlington, TX, ASFPM Urban Stormwater Management Committee

Upper Cowlitz River Flood Hazard Risk Assessment. David Cline, PE, Susan Novak, Tetra Tech, Inc.

C-2 FEMA Showcase: Rethinking the NFIP  
Moderator: Sandra K. Knight, PhD, PE, D.WRE, Deputy Federal Insurance and Mitigation Administrator, Mitigation, FEMA

Rethinking the NFIP. Michael Grimm, CFM, NFIP Reform Program Manager and Deputy Director, Risk Reduction Division, FEMA

Panel Discussion: NFIP Reform. Gerald E. Galloway, PE, PhD, Glenn L. Martin Institute
Open Discussion Forum (Facilitated)

**C-3**

**LOMCs**

*Moderator:* Al Goodman, Jr., CFM, Mississippi Emergency Management Agency

**LOMCs on Steroids: NC LOMCs and the NCDOT MOA.** Kenneth Ashe, PE, CFM, John Dorman, CFM, NC Floodplain Mapping Program

**LOMR Delegation: An Expanded Pilot Project.** Beth Norton, FEMA-HQ; Lauren Clem, Michael Baker, Jr., Inc.

**Preparing a Mass LOMA: A Case Study from Olathe, Kansas.** Tami Lorenzen, PE, Brenda Macke, PE, Andrew Sauer, PE, Natalie Postel, PE, CDM

**C-4**

**Classic Mitigation**

*Moderator:* Edie Vinson-Wright, CFM, CDM

**Moving a Town: The Story of Gays Mills, WI;** Roxanne Gray, Lynsey Kawski, WI Emergency Management

**Doral/Cavalier – Flood Mitigation in the Middle of a Disaster.** Robert Billings, PE, PH, CFM, Bill Tingle, PG, CFM, Mecklenburg County

**Section 406 (Public Assistance) Hazard Mitigation: The Basics and Some California Examples.** Ken Leep, CFM, CA Emergency Management Agency
C-5 USACE Showcase: Updates on US Army Corps of Engineers Programs
Moderator: Judy Soutiere, CFM, USACE

How USACE is Implementing Watershed Planning and other Planning Initiatives and When the Sponsors Need to be Part of the Process. Susan Haslett, USACE

Silver Jackets-Interagency Flood Risk Management. Jennifer Dunn, CFM, USACE

USACE Levee Safety Program. Tammy Conforti, CFM, USACE

C-6 Communicating Risk
Moderator: Terri Turner, AICP, CFM, Augusta-Richmond County Planning Commission, ASFPM NAI Committee

A Proposed Method for Categorizing Extreme Rainfall Events - The 100 Year Storm Redefined. Thomas Grisa, PE, City of Brookfield, WI

Mandatory Flood Insurance Requirements vs. Recommended Purchase (A Focus on the Atlanta Floods). Garrett Skinner, CFM, Chris Budd, CFM, PBS&J

Shifting Our Focus From Maps to Risk. William Coulbourne, PE, Applied Technology Council

C-7 Bringing Maps and Data to Life
Moderator: Tim McCormick, PE, CFM, Dewberry

Open Source GIS Solutions To Unlock the DFRM Database. Mat Mampara, CFM, Dewberry; Scott McAfee, CFM, FEMA-HQ

A GIS Approach to Rapidly Update and Publish Flood Risk Maps. Amit Sinha, PhD, Dean Djokic, ESRI
Use of Enhanced Floodplain Mapping Products to Communicate Risk. Krista Bethune, PE, CFM, Rick Prosser, PE, CFM, AECOM; Eric Simmons, CFM, FEMA R-IX; Andy Bonner, PE, CFM

Risk MAP Products and Processes B R D
Moderator: Gaston Cabanilla, PE, CFM, CDM

Risk MAP Products and Processes from Vision to Implementation. Emily Hirsch, CFM, Jennifer Meyer, CFM, FEMA

Risk MAP Flood Map Production Multi-Year Planning. Joshua Smith, Allyson Lichtenfels, FEMA-HQ

Notes from the Field: Application of the Risk MAP Vision in Region VI. Philip Drazek, PE, CFM, URS Corporation; Gary Zimmerer, PE, FEMA R-VI; Duncan Hastie, PE, Dewberry

5:15-6:30 Exhibits Social Silent Auction

7:00-10:00 National Cowboy and Western Heritage Museum
Join ASFPM and our Sponsors at America’s premier institution of Western history, art, and culture. Network while enjoying the galleries, dance the night away in the Sam Noble Events Center, or enjoy a quiet walk under the stars through the Western States Plaza. Food, beverages, and entertainment will be provided at the museum and transportation is provided from and back to the Convention Center.

Sponsors: AECOM, Dewberry, Michael Baker, Jr., Inc., STARR, and URS
Wednesday, May 19, 2010

7:00-8:15  Early Bird Discussions Sessions

Coffee and Danish are available in the Exhibits Hall, please help yourself before you step into the session.

Success at Levee Accreditation  
through the PAL Process: The Case of Augusta, Georgia’s Provisionally Accredited Levee  

When Augusta successfully completed the Provisionally Accredited Levee (PAL) process for its 11-mile levee along the Savannah River, the 4,000 property owners in the protected area breathed a collective sigh of relief -- or should have, if they all had known what flood insurance they might have had to buy. City floodplain managers, engineers, administrators, and commissioners were relieved, too. Hear the background of how the levee came to be in the first place, how the PAL process worked, how the engineering studies used new methodology to address the FEMA criteria, and how the agency approved the certified compliance determination with no comments.

Moderators: Terri Turner, AICP, CFM, Augusta-Richmond County, GA, ASFPM NAI Committee Liaison; Thomas H. Robertson, PE, AICP, RLS, Cranston Engineering Group, P.C.

Certification Maintenance 101  

Did you know that the CFM Certification Program is evaluated annually and compared to 23 different certification programs? Come and learn how we stack up. Your CFM is valuable, however you must maintain your certification. Attend this session and share your experiences, frustrations, and recommendations on how to improve the system. The moderators will wear body armor and are ready to take your best shot!
Arid Regions Technical Updates. New Alluvial Fan Floodplain Delineation Methodologies. There have been significant technological and administrative advances in alluvial fan floodplain delineation methodologies. The Flood Control District of Maricopa County is nearing completion of a year-long investigation of methods to provide clear guidance on engineering methodologies for quantification of alluvial fan flood hazards, both for delineation and for design of structural flood control measures. The State of California recently published new alluvial fan development and management guidelines. The Arid Regions Committee proposes to work with FEMA to update the Appendix G guidelines to reflect the current state-of-the-art in alluvial fan floodplain delineation.


Moderators: Jeanne Ruefer, CFM, Bob Davies, PE, CFM, ASFPM Arid Regions Committee Co-Chairs; Jon Fuller, PE, RG, PH, D.WRE, CFM, JE Fuller Hydrology and Geomorphology, Inc.

Recategorizing Extreme Rainfall Events

Why do we label extreme rainfall events based on their recurrence interval (100-year storm) or rarity of occurrence when this just confuses the public? Other natural disasters like earthquakes, tornadoes and hurricanes are rated using an easy to understand scale (Richter, Fujita, etc.) Come
to this early bird session to discuss a proposal to change how we rate rainstorms from the current system which implies rarity of the storm, to one that identifies the severity of the storm instead. Moderators: Tim Trautman, PE, CFM, David Knipe, PE, CFM, ASFPM Mapping & Engineering Standards Committee; Thomas M. Grisa, PE, F. ASCE, Director of Public Works, City of Brookfield, WI

**Progress on the Non-Structural Agenda. **MR 16-17
Non-structural alternatives are gaining favor in Corps projects. We’ll talk about ways to increase their selection and expedite execution in advance of associated structural solutions. We’ll also discuss the role of the Corps in non-structural projects for which there are no structural elements.” Moderators: Pat Skinner, Larry Buss, PE, CFM, ASFPM Floodproofing & Retrofitting Committee; Gene Barr, CH2M Hill, Inc.

8:30-10:00 **Plenary Session 2** BR ABC

**DRAWING UP THE BLUEPRINT - National Flood Policy Initiatives from the Administration**

1. **Executive Order and Principles & Standards:** Nancy Sutley, Director, White House Council on Environmental Policy

2. **Watershed Quality and Quantity Issues:** Bob Perciaspepe, Deputy Administrator, Environmental Protection Agency

3. **USACE Key Policy Actions:** Terrence “Rock” Salt, Principal Deputy, Office of the Assistant Secretary of the Army (ASA) for Civil Works

4. **Connecting the Dots:** Larry Larson, PE, CFM, Executive Director, ASFPM

**Moderator:** Sally McConkey, PE, CFM, ASFPM Vice Chair; Water Resources Engineer, INRS, IL State Water Survey
10:00-10:30  **Break, Sponsored by NOAA Exhibits, Silent Auction**  
10:30-Noon  **Plenary Session 3**  

**LAYING THE FOUNDATION – Federal Coordination on Flood Risk Management**  
Properly and effectively communicating today’s flood risk is a critical element in managing floodplains and watersheds in the future. The recent re-establishment of the Interagency Task Force will serve to invigorate this crucial concern.

1. **Integrating Federal, State, and Local Programs**: Ann Mills, Deputy Undersecretary for Natural Resources and Environment, Natural Resources Conservation Service, USDA

2. **How State DOTs will Implement the Executive Order**: Josheph Krolak, PE, Senior Hydraulics Engineer, Office of Bridge Technology, Federal Highway Administration, US Department of the Interior

3. **Mitigation Programs and RiskMAP**: Dr. Sandra K. Knight, Deputy Assistant Administrator for Mitigation, FEMA-DHS

**Moderator**: Edward J. Hecker, Chief, Office of Homeland Security and Provost Marshal, Directorate of Civil Works, Headquarters, USACE

Noon-1:30  **Lunch on your own**

12:30-1:15  **Discussion Session**  
**Hosted by the ASFPM Flood Mitigation Committee**

**Issues Related to the Eligibility of Structural Flood Hazard Reduction Projects under FEMA’s Hazard Mitigation Assistance (HMA) Programs.**  
**Moderator**: Steve McMaster, CFM, ASFPM Mitigation Committee
Presenters: Cecelia Rosenberg, FEMA-HQ Branch Chief, Grants Policy; Morgan Franklin, FEMA-HQ Flood Grants Program Analyst

(This discussion session coincides with lunch and takes the place of the Mitigation Committee’s Early Bird session. Grab yourself a sandwich and head to Meeting Room 1 for this informal, informative session.)

“Minor structural projects” are eligible for FEMA mitigation funding, but a precise definition of what constitutes a “minor” project has been a long-standing question for grant applicants. Panelists will discuss some parameters under consideration in determining what type of flood hazard reduction measures are eligible for funding under FEMA’s HMA programs.

1:00-3:00 ASFPM Chapters Session  
1:00-5:00 Technical Field Tour  
1:30-3:00 Concurrent Session D

D-1 Post Hurricane Ike  
Moderator: Steve Mitchell, CBO, CFM, City of Pascagoula, MS

**Impact of Dunes on Storm Surge Levels in Galveston County, TX.** Guillermo Simon, PE, CFM, Christopher Bender, PhD, PE, Taylor Engineering, Inc.

**Post Disaster Mitigation in Terrebonne Parish, Louisiana (Post Lili - Rita - Ike).** Mitch McDonald, CFM, Terrebonne Parish Consolidated Government

**The Role of Responsible Floodplain Management in Long-Term Community Recovery after a Disaster.** Erin Miles, FEMA-HQ
D-2 AECOM Showcase – High Impact Hazard Mitigation Projects

Moderator: Dan Deegan, CFM, AECOM

Unified Multi-Hazard Mitigation Planning in Mecklenburg County, NC. Darrin Punchard, AICP, CFM, AECOM; Bill Tingle, PG, CFM, Mecklenburg County Stormwater Services

Mastering the Logistics of a Large Scale HAZUS Project. Shanna Michael, CFM, AECOM; Stefan Zink, CFM, Chad Berginnis, CFM, Michael Baker, Jr., Inc.

Westside Creeks Restoration Project. Andrew Rooke, PE, CFM, AECOM; Rudy Farias, San Antonio River Authority

D-3 Insurance

Moderator: Laura Tessieri, PE, CFM, Delaware River Basin Commission, ASFPM Region 2 Director

Rethinking Flood Insurance Policy For Areas Protected By Structural Flood Risk Reduction Systems. André D. McDonald, TX Levee Improvement District No. 2; Gregory P. Frank, PE, CFM, Costello, Inc.; David M. Oliver, Jr., JD, LLM, Allen Boone Humphries Robinson LLP

Demystifying Grandfathering (and Other Flood Insurance Options): What Floodplain Managers Should Know When Maps Change. Bruce Bender, Bender Consulting Services, Inc.


D-5 Dam Risk Assessments

Moderator: Jeff Sparrow, PE, CFM, Michael Baker, Jr., Inc., ASFPM Region 3 Director

NRCS Dam Assessments – Dam Breach Analysis and Risk Index. Joe File, PE, CFM, AMEC Earth & Environmental
**Dam Hazard Consequence Assessment Pilot Studies.** James Demby, PE, National Dam Safety Program, FEMA-HQ; James K. Murphy, PE, CFM, Edward G. Beadenkopf, URS Corporation

**Mapping Risk: The USACE Dam Break Inundation Mapping Program.** Nathan Lefkovitz, Michael Crouch, CFM, Justin Graham, CFM, AMEC Earth and Environmental

**National Education and Outreach Strategies**

*Moderator: Alisa Sauvageot, CFM, Michael Baker, Jr., Inc., ASFPM Region 9 Director*

**Targeting Education and Outreach.** C. Warren Campbell, PhD, PE, CFM, Western Kentucky University

**Communicating Risk and Risk MAP – Developing and Implementing a National Outreach Strategy to Reduce Risk to Life and Property.** Paul Huang, FEMA-HQ

**Innovative Hydrologic Products and Services from the National Weather Service.** Gregory P. Shelton, Tracy A. Howieson, National Weather Service

**Modeling and Mapping for Flood Warning**

*Moderator: Victor Hom, NOAA National Weather Service*

**Colorado’s Flood Decision Support System.** Amy Volckens, PE, Jay Day, PE, PhD, Riverside Technology, Inc.; Carolyn Fritz, Chris Sturm, CFM, CO Water Conservation Board

**Real-Time Predictive Floodplain Mapping.** Susan Janek, PE, Janna Renfro, PE, CFM, City of Austin, TX

**Modeling Small Urban Watersheds with InfoWorks-RS.** David Schwertz, CFM, National Weather Service
D-7B  International Case Studies in Modeling and Mapping  
*Moderator:* Michael Buckley, Dewberry

**Rapid Two Dimensional Flood Hazard Mapping in the Auckland Region.** Robert Carr, Terry Van Kalken, DHI Water and Environment

**Hydrologic Analysis for a Hyper-Arid Region in the Middle East.** Brian Murphy, PE, PH, CFM, Ted Johnson, CFM, PE, CDM

**Current, Innovative, and Standardized Elevation Data for Flood Modeling in Australia: The Murray-Darling Basin.** Kea Beiningen, GISP, CFM, Intermap Technologies

D-8  Cost-Effective Floodplain Studies  
*Moderator:* Albert Romano, CFM, Michael Baker, Jr., Inc.

**Hazard Identification for Unstudied Flooding Sources.** Jamie Monohan, PE, CFM, Waggoner Engineering, Inc.

**How to Model 72 Miles of the Mississippi River on a 2 Mile Budget.** Mohamed Amin Bagha, PE, CFM, Dong Nguyen, PE, CFM, Michael Baker, Jr., Inc.

**Approximate Floodplain Mapping – Procedures and Approaches to Data Challenges.** Brett Addams, CFM, Troy Thielen, CFM, CDM

3:00-3:30  **Break, Sponsored by Merrick & Company**  
**Final Exhibits**  
**Silent Auction Closes**
Concurrent Session E

E-1 Coastal Modeling and Mapping  
**Moderator:** Doug Marcy, NOAA Coastal Services Center

*Development of a Regional Storm Surge and Wave Model for the San Francisco Bay.* Dale Kerper, PE, DHI Water & Environment, Inc.; Kathy Schaefer, PE, CFM, FEMA R-IX

*Coastal Storm Surge Modeling and Flood Hazard Mapping for South Carolina.* Jonica Vidrine Gibson, CFM, URS Corporation; Lisa Jones, CFM, SC Dept. of Natural Resources

*Coastal Field Reconnaissance GIS Application System for Flood Studies.* Jeff Gangai, CFM, Dewberry; Paul Weberg, PE, FEMA R-II

E-2 URS Corp. Showcase: Climate Change:  
**Moderator:** Pam Pogue, CFM, URS Corporation

*Lessons from a Drought Tabletop Exercise and Catastrophic Drought Response Toolbox in North Carolina.* Jack Moyer, URS Corporation

*Post-Burn Flood Study: Accelerated Hydraulic Analysis following the 2007 California Wildfires.* Mike Seering, CFM, PE, URS Corporation

*Somerset County, Maryland: Rising Sea Level Guidance.* Kyle F. Gulbronson, AICP, URS Corporation

*Building Communities that are Resilient to Climate Variability - Incorporating Critical Infrastructure and Key Resources (CIKRs) into Planning and Capital Investment Decisions.* Robert Brodesky, Shubha Shrivastava, AICP, CFM, Elisson Wright, URS Corporation
E-3 Compliance
Moderator: Rhonda Montgomery, CFM, FEMA-HQ

Risk-Based Community Assistance Visit
Prioritization using GIS Methodologies. Scott Edelman, PE, AECOM Water; Bret Gates, FEMA-HQ

Safety Net for Permitting and Compliance in a Culprit Zone A. William Teague, PhD, CFM, White County, AR; MaryBeth Breed, PH, CFM, FTN Associates, Ltd.

Tracking Potential NFIP Violations Using Digital Orthophotos. Colleen Hermans, Miriam Gradie Anderson, WI Department of Natural Resources

E-4 Mitigation Techniques - Completed Projects
Moderator: Michael Grasso, CFM, CDM

Elevation of Slab Structures in the Path of Rising Seas. Jeffrey Heaton, Providence Engineering & Environment Group

City of Tulsa’s Flood Mitigation Program: A Tribute to ASFPM. Ronald D. Flanagan, CFM, Flanagan & Associates, LLC

Reducing the Risk of Flooding Along a Mountain River. Kenneth Trefzger, PE, CFM, HDR Engineering, Inc.

E-5 Levee Action Processes
Moderator: Patti Sexton, PE, CFM, Tetra Tech

Best Practices for Scoping Expiring Provisionally Accredited Levees Agreements. Rick Nusz, PH, CFM, FEMA R-VII; Tadd Henson, PE, CFM, Stantec Consulting

The USACE Certification Process for the Federal Levees along the Big Sioux River in Sioux Falls, SD. Colleen Horihan, PE, CFM, USACE
Fort Bend County DFIRM: A Five-Year Project—What We Have Done, What We Have Learned, What’s Next… Mark Vogler, PE, CFM, Juling Bao, PE, CFM, Fort Bend County Drainage District

E-6 Ways to Implement a Local Stormwater Management Program - Funding
Moderator: Bill Brown, PE, City of Arlington, TX, ASFPM Urban Stormwater Management Committee

The Practical and Financial Success of the Olathe Watershed Study. Brenda Macke, PE, Tami Lorenzen, Andrew Sauer, CDM


Fee-in-Lieu of Detention, Tulsa, Oklahoma: Best Management Practice. William (Bill) Robison, PE, CFM, City of Tulsa; Chris Hill, GISP, CFM, Janet Meshek, PE, CFM, Meshek & Associates, PLC

E-7 Alternate Hydrologic Methods
Moderator: Adri Verwey, Deltares, ASFPM International Committee


Log-Pearson Type III Moment Estimation: An Evaluation with Georgia Gage Data. Amy Bergbreiter, PE, CFM, Gary Guhl, PE, CFM, PBS&J

Joint Probability Distribution for Flood Risk Assessment. Sheng Yue, PhD, PE, PH, CFM, Taylor Engineering, Inc.

E-8 Issues in Floodplain Mapping
Moderator: David Knipe, PE, CFM, IN Department of Natural Resources, ASFPM Mapping & Engineering Standards Committee
Risk Reduction / Building Science Tools

Integrating Risk MAP Products. John Ingargiola, CFM, FEMA-HQ


5:15-6:30 Risk MAP Town Hall

Join Doug Bellomo, Director of FEMA’s Risk Analysis Division, and other FEMA HQ and Regional Staff, to expand your understanding of the Risk MAP Solution which has been developed over the past year with significant input from the user and stakeholder community. This will be an interactive session so that FEMA can engage participants in exploring both the opportunities as well as the challenges of “doing” Risk MAP.

6:30 - Dinner on your own, enjoy the evening

6:30-7:30 Foundation Donors and Corporate Partners Reception and LIVE Auction (by invitation only)

If you did not receive an invitation as a 2010 Foundation donor, you can still buy your way in! Just see Debbie Pond at the Conference Registration Desk on the 1st Floor.
Thursday, May 20, 2010

7:00-8:15  **Regional Discussion Sessions:**

- Regions 1 & 2  
- Region 3  
- Region 4  
- Region 5  
- Region 6  
- Regions 7 & 8  
- Region 9  
- Region 10

**MR 2-3**

**MR 4**

**MR 9-10**

**MR 11-12**

**MR 16-17**

**MR 18-19**

**BR D**

**BR E**

8:30-10:00  **Plenary Session 4**

**BR ABC**

**BUILDING INTO THE FUTURE - Floodplain Management in a Changing World.**

What tools can help us all reduce individual, community, and corporate risk in the floodplains? Nothing is as powerful as an idea whose time has come. Let’s get it done!

1. **Forecasting in a Changing Climate:** Jim Kimpel, Director, National Severe Storms Lab, NOAA

2. **Fostering Risk-Based Insurance and Reinsurance for Resilient Communities:** Steve Weinstein, Senior Vice President, Chief Compliance Officer, General Counsel, and Secretary, RenaissanceRE Holdings, Ltd.

3. **Managing Floods in a Climate of Change:** Larry Gispert, Director, Hillsborough County Emergency Management, FL

4. **Integrating Natural Resources into Flood Risk Management:** Ann Riley, Ph.D., Watershed and River Restoration Advisor, Waterways Restoration Institute, California

**Moderator:** Chad Berginnis, CFM, ASFPM

Mitigation POD Coordinator, Michael Baker, Jr., Inc.
10:00-10:30  **Break, Sponsored by Parsons Brinckerhoff**  
2nd Floor

10:30-Noon  **Concurrent Session F**

**F-2**  
NOAA Showcase - Summit to Sea Flood Forecasting: Recent Enhancements to NOAA’s Flood Forecast Products and Services  
*Moderator:* Doug Marcy, NOAA Coastal Services Center  
*Presenters:* Kenneth Howard, Suzanne Van Cooten, PhD, National Severe Storms Lab; Victor Hom, National Weather Service; Doug Marcy, Coastal Services Center

**F-3**  
Post-Disaster Requirements and Lessons Learned  
*Moderator:* Edie Vinson-Wright, CFM, CDM

*Project Hands Across the Waters: Post Disaster Aid for the Atlanta Metro Area through Interagency Cooperation.*  
Terri Turner, AICP, CFM, Augusta-Richmond County, GA; Jason Hunter, CFM, FEMA R-IV

*Floodplain Management Before and After a Catastrophic Flood Event.*  
David Stall, CFM, City of Shoreacres, TX

*After The Flood: Identifying and Applying the Key Lessons.*  
Manny Perotin, PE, Jacquelyn Nicholson, PE, Mike DePue, PE, CFM, PBS&J

**F-4**  
Visualizing & Evaluating Mitigation Options  
*Moderator:* Valerie Swick, CFM, Flood Control District of Maricopa County, ASFPM Chapter District 5 Director

*Nonstructural Risk Reduction - A Digital Process.*  
Randall Behm, PE CFM, USACE; Jennifer Whitacre, GISP, MJ Harden Associates
Flood Mitigation Solutions in an Ultra Urban Area – Potomac River Waterfront Flood Mitigation Study, City of Alexandria. Mary Roman, PE, CFM, Charlene Johnston, PE, URS Corporation; Craig Perl, PE, City Engineer, City of Alexandria

Evaluation of Flood Mitigation Alternatives for the Rainbow Valley ADMP Considering Multiple Contexts. Burke Lokey, PE, PMP, CFM, Flood Control District of Maricopa County; Elliot Silverston, PhD, PE, URS Corporation

F-5 Levee Assessments and Investigations
Moderator: Mark Seits, PE, CFM, HDR

Just what goes into a Corps of Engineer’s Periodic Levee Inspection - And What Does it Mean for Floodplain Managers? Jonathan Keeling, PE, CFM, Stantec Consulting Services, Inc.; Jim Martell, PG, USACE

A Unique Approach to Investigating Levees - A Toolbox Approach. Michael Sotak, PE, Tetra Tech; Amanda Grint, PE, CFM, Papio-Missouri River Natural Resources District

Identifying and Evaluating Levee System Improvement Alternatives - The City of West Sacramento, CA. Michael Vecchio, PE, HDR, Inc.

F-6A Communication Aids for the Communicators
Moderator: David Stroud, CFM, AMEC Earth and Environmental

Building Blocks of Effective Communication. Mary Margaret Connell, NFIP FloodSmart Marketing Campaign, FEMA

From Concept to Reality – “WARD’s Stormwater Floodplain Simulation System” for Education and Outreach. Mark Walton, CFM, National Weather Service

Local Stormwater Management Technique Case Studies
Moderator: David Fowler, CFM, Milwaukee Metropolitan Sewerage District, ASFPM Natural and Beneficial Functions Committee, ASFPM Region 5 Director


Garnett Regional Detention Facility: A Success Story in Managing NAI with Competing Interests. Brandon Claborn, PE, CFM, Meshek & Associates, PLC


Hydrology in a Changing Environment
Moderator: Gaston Cabanilla, CFM, CDM

Potential Impacts of Climate Change on Floodplain Delineation: Are We Ready? John Henz, CCM, HDR Engineering, Inc.

Unsteady Analysis to Support the NAI concept: The Harris County Experience. Christopher
Johnson, PE, CFM, Mohamed Amin Bagha, PE, CFM, Michael Baker, Jr., Inc.

**Using the Indicators of Hydrologic Alteration and Spatial Analysis to Assess Increased Flood Risk from Urbanization** Tim Ward, Greenhorne & O’Mara

**F-8 Technological Advancements in Quality Control and Flood Data Viewing**

*Moderator:* Heidi Carlin, CFM, URS, ASFPM Training & Outreach Committee, ASFPM Region 6 Director

**Layered Flood Theme and an Integrated QC Module.** Ken Logsdon, Jr., Janghwoan Choi, PhD, Huidae Cho, PhD, CFM, Dewberry

**Using FEMA Tools to Access Digital Flood Data.** Scott McAfee, CFM, GISP, Bruce Buckerfield, PE, LS, FEMA

**DFIRM Quality Review Tracking Database.** Jason Sweet, STARR RSC 7; Alex Sirotek, CFM, CDM

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**Noon-1:45**

**ASFPM Annual National Awards Luncheon**

... and invitation to the ASFPM 2011 Conference in Louisville, KY, May 15 - 20, 2011, hosted by Kentucky Chapter.

**2:00-5:00**

**Training Workshop**

**Flood Insurance Essentials, FIRA Compliant**

*Instructors:* Sonja Wood, CFM, Dorothy Martinez, CFM, H2O Partners

**2:00-5:00**

**Special Information Sessions**

**Preparing for a Community Assistance Contact / Community Assistance Visit from FEMA**

*Instructor:* Rhonda Montgomery, CFM, FEMA HQ
How to Conduct a CAV/CAC  
Featuring the Newly Revised CAV/CAC Manual  
Instructor: Rachel Sears, CFM, Bret Gates, FEMA HQ

2:00-3:30  
Concurrent Session G

G-1  
Coastal Floodplain Mapping  
Moderator: Stephen King, Michael Baker, Jr., Inc.

Coastal Barrier Resources System Map Modernization.  
Katie Niemi, U.S. Fish and Wildlife Service; Stephen R. Kalaf, CFM, Dewberry

Mapping of Primary Frontal Dunes in Region I.  
Brian Caufield, CFM, Timothy Hillier, CFM, Kerry Bogdan, CDM

Improving FEMA’s Coastal Flood Plain Mapping.  
Darryl Hatheway, CFM, AECOM Water; Jonathan Westcott, PE, FEMA-HQ

G-2  
NAI & NBF Policy Committees  
Moderator: David Fowler, CFM, Milwaukee Metropolitan Sewerage District, ASFPM Natural and Beneficial Functions Committee, ASFPM Region 5 Director

Round Table Representatives:  
David Fowler, CFM, Dave Carlton, PE, D.WRE, CFM, ASFPM Natural & Beneficial Functions Committee; Christy Miller, CFM, Kimberly Bitters, CFM, ASFPM No Adverse Impact Committee; Jon Kusler, Esq., PhD, Association of State Wetland Managers

G-3  
Oklahoma FPM Highlights  
Moderator: Bill Smith, PE, CFM, Oklahoma Floodplain Managers Association

Oklahoma Oil and Gas Floodplain Management.  
Amy Brandley, CFM, Canadian County, OK
Natural Gas Production in Floodplains: Chesapeake Energy’s Methods and Procedures. Cheryl Tramell, Chesapeake Energy Corporation

Where’s the Flood? Leslie Lewis, PE, CFM, OK Department of Transportation; Jean Vieux, Vieux & Associates, Inc.

G-4 Gimme a “P” – Mitigation Planning and Risk MAP  
Moderator: Lillian Pitts Robison, Michael Baker, Jr., Inc.

Risk Assessment and Planning: Trends Analysis. Chad Berginnis, CFM, Michael Baker, Jr., Inc.; Darrin Punchard, CFM, AECOM

Tribal Mitigation Planning - Updates and Options. Diana Coho, CFM, FEMA-HQ

Strategies to Integrate Core Hazard Mitigation Planning into Risk MAP Scoping Processes: Highlights of Risk MAP Data Opportunities in State, Regional and Local HIRA Updates. Corinne Bartshire, AICP, CFM, Deborah Gordon Mills, CFM, Dewberry; Shubha Shrivastava, AICP, CFM, URS Corporation; Tess Grubb, FEMA

G-5 Dam/Levee Breach Modeling  
Moderator: Steve Jencen, CFM, Michael Baker, Jr., Inc.

Preliminary Estimate of Dam Break Peak Discharge and Development of Dam Failure Impact Classes. Kaveh Zomorodi, Ph.D, PE, CFM, Dewberry

The Impact of Dam Breach Inundation on Floodplains: A Comparative Mapping Assessment of the Residual Risk to Riverine Flood Zones. Laura Rightler, EI, CFM, Daven Patel, PE, PBS&J
A Research on Techniques and Models for Dam Break Modeling. Rahul Parab, PE, Michael B. Kabiling, PhD, PE, CFM, Taylor Engineering, Inc.


LID Stormwater Solutions for a Midwestern Community. John Ruhl, PE, CFM, Black & Veatch

NAI - More Than the Base Flood. Ellen Stevens, PhD, PE, CFM, Ellen Stevens, PhD, PE, PLLC; Bill Barfield, PhD, PE, Woolpert

Green Tools for Urban Stormwater Quality. Ted Blahnik, PE, Williams Creek Consulting

Model and Data Management. Moderator: Scott Edelman, PE, AECOM, ASFPM Foundation President

Community Engagement in Model and Map Maintenance Program. Ataul Hannan, PE, CFM, Harris County Flood Control District; Beth Norton, FEMA-HQ

Data Flow in the Information Age. Glenn Wright, CFM, AECOM; Daniel Aguilar, San Antonio River Authority (SARA)

Data Management – Keeping Track is Half the Fun. Eric Pescatore, CFM, CDM

DFIRM Mapping Issues. Moderator: Laurie Carrette Zook, PE, CFM, HDR

Mapping Communities in Multiple Counties: A Recommendation to FEMA. Jason Wilson, PE, CFM, Matt Hudson, EIT, LEED AP, AMEC Earth & Environmental
**Digital Flood Insurance Rate Map Panel Management Module.** Katherine Hermann, CFM, Ken Logsdon, Jr., Dewberry

**DFIRMs: Now That You Have Them, What Do You Do With Them.** Chris Budd, CFM, Joe Martinenza, PE, CFM, PBS&J

3:30-4:00 Break, Sponsored by Fugro

4:00-5:30 Concurrent Session H

**H-1 Watershed-Level Assesssments**

*Moderator: Bob Freitag, CFM, ASFPM Region 10 Director*

**Regional/Watershed Interagency Flood Risk Management Team: Collaborative Risk Reduction.** Bruce Munholand, PE, PMP, USACE

**Integration of International Flood Protection and Spatial Planning in the Odra River Basin.** Janusz Zaleski, PhD, WARR Wroclaw and Wroclaw Institute of Meteorology & Water Management; Bogdan Nowak, PCU Wroclaw and Wroclaw University of Technology

**Ohio River Basin Comprehensive Reconnaissance Report.** John Yeager, CFM, US Army Corps of Engineers – Huntington District

**H-2 ASFPM’s International Committee: Adapting Floodplain Management Techniques and Regulations for Climate Change**

*Moderator: Will Meyer, CFM, Booz Allen Hamilton, ASFPM International Committee*

**Evaluating the Impact of Climate Change on the National Flood Insurance Program.** David Divoky, Perry Rhodes, CFM, AECOM; Mark Crowell, FEMA

**Climate Change and Pluvial Flood Risk in the UK.** Justin Butler, PhD, Ambiental
### H-3 Theoretical FPM

*Moderator:* Onur Celik, CFM, CDM

**Are Floodplain Management Regulations Bad for Streams?** Kevin Higgins, PE, CFM, Neal Banerjee, PE, CFM, Michael Baker Engineering, Inc.

**This Water Wasn’t Here When I Built My House: How Minimum Floodplain Management Requirements Can Increase Flood Hazards.** Del Schwalls, PE, CFM, Edie Vinson-Wright, CFM, CDM

### H-4 State Mitigation Initiatives

*Moderator:* Roxanne Gray, State Hazard Mitigation Officer, Wisconsin Emergency Management

**Kentucky CHAMPS: Where TurboTax Meets Mitigation Planning and Project Coordination.** Josh Human, University of Louisville Center for Hazards Research; Mike Anderson, GISP, CFM, Stantec

**State of Idaho Silver Jackets Program - Flood Risk Management Team.** David Jackson, CFM, ID Bureau of Homeland Security; Jamie Huff, CFM, Braden Allen, CFM, Ted Perkins, FEMA R-X; Mary McGown, CFM, ID Department of Water Resources; Ellen Berggren, USACE; Jay Breidenbach, National Weather Service

**Implementing Mitigation: The PEMA Experience.** Chad Berginnis, CFM, Sarah Bowen, AICP, CFM, Michael Baker, Jr., Inc.

### H-5 Challenges with Levee Recertification II

*Moderator:* Jeff Sickles, CFM, Enginuity, ASFPM Region 8 Director
Clifton Levee Certification: Multiagency Success or Catch-22?  John Wise, PE, CFM, Stantec

Engineering Challenges of the Natomas Levee Improvement Project.  Mark Stanley, Kleinfelder

When USACE Levee Inspection Meets FEMA MapMod – the Potomac Park Story.  Patti Sexton, PE, CFM, Tetra Tech, Inc.

H-6  Lessons in Sustainability  
Moderator: Kimberly Bitters, CFM, Ohio Department of Natural Resources, ASFPM NAI Committee


Building a Sustainable Floodplain.  Aaron Parkinson, CFM, Stephanie Thompson, CFM, AECOM

The Greening of Tulsa.  Tim Lovell, Tulsa Partners, Inc.; Ann Patton, Ann Patton Company LLC

H-7  Hydrology & Hydraulics Challenges  
Moderator: Gerald Robinson, PE, CFM, Christopher Burke Engineering, Ltd., ASFPM Chapters District 2 Director

Dynamic Floodways: Accounting for Both Storage and Conveyance.  José Maria Guzmán, PE, Bill Joyce, PE, Tom Nye, PhD, PE, CDM

Developing Detailed Riverine Studies With Levee and other Challenges.  Alex Haptemariam, PE, CFM, Brandon Davis, Greenhorne and O’Mara

Use of 2D Models for Accurate Depiction of Flooding in Small Urban Watersheds.  Jeff Lu, PhD, PH, CFM, Steven Bondor, PE, CFM, Greenhorne & O’Mara
Acquisition and Use of Elevation Data
Moderator: Mark Forest, HDR Engineering, Inc.

Elevation Data for Risk MAP. Paul Rooney, GISP, FEMA R-I

Development of a Hydro Geodatabase from LiDAR for Levee Recertification, Flood Mapping, and Stormwater Modeling in Wichita, Kansas. Kenny Legleiter, Sanford Johnston, Merrick & Company

Case Study: Successful Partnering for LiDAR Acquisition. Rob Lowe, FEMA R-IV; Collis Brown, CFM, GA Department of Natural Resources

Brick Town City Walk
Sponsored by Michal Baker, Jr., Inc.

Don’t miss this final opportunity to network with your colleagues and enjoy the best of several worlds at Bricktown’s very own City Walk. Attendees will experience an eclectic mix of themes, cuisines, and entertainment all in one evening. Club-hop the night away all within City Walk’s entertainment complex, featuring everything from discotheques and karaoke to ultra lounges and a live 80s band. City Walk is within walking distance of the conference hotels, though a shuttle will be available for those with mobility impairments. This event is included with your conference fee, though pre-registration is required. Food, beer, wine, soda, and musical entertainment are included.

YOUR NAME BADGE MUST BE PRESENTED FOR ADMISSION. THIS IS A 21+ VENUE, SO DON’T FORGET YOUR ID! ABSOLUTELY NO MINORS ADMITTED.
## Friday, May 21, 2010

### Technical Field Tours

<table>
<thead>
<tr>
<th>Time</th>
<th>Location</th>
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<tbody>
<tr>
<td>9:00-1:00</td>
<td>National Weather Center</td>
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<tr>
<td>9:00-3:30</td>
<td>USDA Grazinglands Lab / Historic Fort Reno</td>
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### Workshops and Training

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<thead>
<tr>
<th>Time</th>
<th>Workshop</th>
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<tbody>
<tr>
<td>8:00-Noon</td>
<td>IAEM CEM Exam Prep Course</td>
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<tr>
<td>9:00-11:00</td>
<td>Disaster Response Team Workshop – “How Oklahoma Does It”</td>
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<tr>
<td></td>
<td><em>Instructor:</em> W.B. “Bill” Smith, PE, CFM, HISINC, LLC</td>
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<td></td>
<td>Ethical Considerations in Floodplain Management</td>
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<td></td>
<td><em>Instructor:</em> John Ivey, PE, CFM, Halff Associates, Inc.</td>
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<td>Overview of Resources for FEMA Benefit Cost Analysis</td>
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<td><em>Instructors:</em> Jody Springer, FEMA; Jae Park, PhD, URS Corporation</td>
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<tr>
<td></td>
<td>Dams and Floodplain Management</td>
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<td></td>
<td><em>Instructor:</em> James Demby, Jr., PE, FEMA National Dam Safety Program</td>
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<tr>
<td>9:00-1:00</td>
<td>Nonstructural Floodplain Risk Mitigation Methodologies and Corps Policies</td>
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<td><em>Instructors:</em> Joseph Remondini, PE, CFM, Randy Behm, CFM, USACE</td>
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<td>Building a Solid Foundation for Successful Mitigation of Repetitive Loss Properties</td>
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<td><em>Instructors:</em> Ross Richardson, CFM, Dave Boston, CFM, FEMA R-VI</td>
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<td>NOAA Coastal Inundation Mapping Short Course</td>
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<td><em>Instructors:</em> Matt Pendleton, Doug Marcy, NOAA Coastal Services Center</td>
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<thead>
<tr>
<th>Time</th>
<th>Exam</th>
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<tbody>
<tr>
<td>9:00-Noon</td>
<td>CFM EXAM</td>
</tr>
<tr>
<td>1:00-3:00</td>
<td>IAEM CEM Exam</td>
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**WE BID YOU SAFE TRAVELS HOME!**
<table>
<thead>
<tr>
<th>Time</th>
<th>Sunday May 16, 2010</th>
<th>Monday May 17, 2010</th>
<th>Tuesday May 18, 2010</th>
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<tbody>
<tr>
<td>7:00</td>
<td>Golf Outing 7:00–3:00</td>
<td>Workshop 8:00–5:00</td>
<td>Plenary Session 1 8:30–10:00</td>
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<td></td>
<td>Technical Field Tours 9:00–4:00</td>
<td>ASFPM Nat’l Policy Issues Discussions 8:00–3:00</td>
<td>Break / Exhibits</td>
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<tr>
<td>8:00</td>
<td>Workshops 9:00–5:00</td>
<td>First Timers Orientation 10:00 and 3:00</td>
<td>Concurrent Session A 10:30–Noon</td>
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<tr>
<td>9:00</td>
<td>Committee Chairs Meeting 1:00–5:00</td>
<td>Silent Auction Commences 3:00 thru Wed</td>
<td>Luncheon Noon–1:30</td>
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<tr>
<td>Noon</td>
<td>First Timers Orientation 3:00 and 5:00</td>
<td>ASFPM Member Meeting 4:00–5:00</td>
<td>Concurrent Session B 1:45–3:15</td>
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<tr>
<td>1:00</td>
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<td>CFM Exam 4:00–7:00</td>
<td>Break / Exhibits</td>
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<tr>
<td>2:00</td>
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<td>Moderators Coordination 5:00–5:20</td>
<td>Concurrent Session C 3:45–5:15</td>
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<td>3:00</td>
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<td>Exhibits Grand Opening 5:00–7:00</td>
<td>Exhibits Social, Silent Auction 5:15–6:30</td>
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<td>4:00</td>
<td>State Floodplain Managers &amp; State Hazard Mitigation Officers Meet &amp; Greet 5:30–7:00</td>
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<td>5:00</td>
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<td>6:00</td>
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<tr>
<td>7:00</td>
<td>WELCOME FEST 7:30–10:00 Sheraton Pavilion</td>
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<td>National Cowboy and Western Heritage Museum 7:00–10:00</td>
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<tr>
<td>Time</td>
<td>Wednesday May 19, 2010</td>
<td>Thursday May 20, 2010</td>
<td>Friday May 21, 2010</td>
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<tr>
<td>7:00</td>
<td>Early Bird Sessions 7:00–8:15</td>
<td>Region Meetings 7:00–8:15</td>
<td>Workshops 9:00–1:00</td>
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<tr>
<td>8:00</td>
<td>Plenary Session 2, 8:30–10:00</td>
<td>Plenary Session 4, 8:30–10:00</td>
<td>Technical Field Tours 9:00–3:30</td>
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<tr>
<td>9:00</td>
<td>Break / Exhibits</td>
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<td>CFM Exam 9:00–1:00</td>
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<td>10:00</td>
<td>Plenary Session 3, 10:30–Noon</td>
<td>Break</td>
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<tr>
<td>Noon</td>
<td>Lunch On Your Own Noon–1:30</td>
<td>Concurrent Session F, 10:30–Noon</td>
<td>ASFPM Awards Luncheon Noon–1:50</td>
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<td>1:00</td>
<td>Chapter Leadership Issues 1:00–3:00</td>
<td>Concurrent Session G, 2:00–3:30</td>
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<td>2:00</td>
<td>Concurrent Session D, 1:30–3:00</td>
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<td>3:00</td>
<td>Break, 3:00–3:30</td>
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<td>4:00</td>
<td>Concurrent Session 33:30–5:00</td>
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<td>5:00</td>
<td>RiskMAP Town Hall 5:15 - 6:30</td>
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<td>6:00</td>
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<td>Bricktown City Walk 6:00–9:00</td>
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<tr>
<td>7:00</td>
<td>Donors/Partners Reception (invitation only) 6:30–7:30</td>
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ASFPM and our Diamond sponsors invite you to join us for an evening of networking and enjoyment at America's premier institution of Western history, art, & culture.

National Cowboy & Western Heritage Museum
Tuesday, May 18, 2010 – 7:00pm to 10:00pm

Food, beverages, and entertainment will be provided at the museum and transportation is provided from and back to the Convention Center on a continuous loop. Guests should plan to gather at the bus loading zone at the Convention Center at 6:30pm.

Sponsored by AECOM, Dewberry, Michael Baker, Jr., Inc., Starr, and URS