The Association of State Floodplain Managers Presents

The 4th National Floodproofing Conference and Exposition
Sustainable, Nonstructural Flood Protection for Buildings and Communities

November 16 - 20, 2008
Astor Crowne Plaza Hotel
NEW ORLEANS, Louisiana
CONFERENCE OVERVIEW

Elevation? Wet floodproofing? Dry floodproofing? Buyout? Acquisition? Relocation? All of these nonstructural / floodproofing techniques, and the policies surrounding them, will be discussed at the 4th National Floodproofing Conference in New Orleans, Louisiana, November 16-20, 2008. We will highlight the various floodproofing methods, products, techniques, programs, funding sources, and issues that have developed since the first three triennial conferences in 1999, 2002, and 2005. Exhibitors will showcase the state-of-the-art in materials, services, equipment, accessories and techniques Monday through Wednesday. Poster displays will demonstrate what works (and doesn’t!) in terms of project application. Tuesday will feature a tour of local structure-raising ans floodproofing techniques, with return to networking in the Conference Exhibit Hall. Additional training workshops and the Certified Floodplain Manager (CFM®) Exam are offered on Thursday. Plenty of time is planned for attendees to exchange ideas and view the exhibits, so opportunities to network will be ample, as they are at all ASFPM-sponsored conferences. See the full program detail on the conference website www.floods.org, click on the NFPC-IV icon.

CONFERENCE SPONSORS

Association of State Floodplain Managers (ASFPM)
U.S. Army Corps of Engineers – Headquarters and National Non-Structural Flood Proofing Committee
DHS-Federal Emergency Management Agency – Mitigation Division

Cooperating Parties
LSU Ag Center – Cooperative Extension Service
New Orleans District Corps of Engineers
DHS-FEMA Region VI
Louisiana Floodplain Management Association
Louisiana Department of Transportation Floodplain Management Section

THE TEAM

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CONFERENCE LOCATION

The French Quarter, also known as Vieux Carré - or the “Quarter” to locals, sits on a crescent in the Mississippi River on some of the highest ground in New Orleans. While some of the surrounding areas are still working hard on the Katrina recovery effort, downtown New Orleans and the famous French Quarter are alive and well, setting record attendance numbers at many recent events.

The conference is at the Astor Crowne Plaza Hotel, located at the Gateway to the French Quarter where Canal Street meets Bourbon Street. Excitement awaits you right outside the door. Whether it’s world renowned dining or the intoxicating sounds of New Orleans’ Jazz or Blues, you’ll be in the heart of it all. New Orleans is the city that loves to eat, and you’ll find a very wide variety of restaurants within easy walking distance. The Astor Crowne Plaza offers easy access to nearby attractions like the Aquarium of the Americas, Jackson Square, Riverwalk Shopping, the New Orleans Sports Arena, and the Superdome. The room rate of $140 per night is the prevailing government per diem rate. The special conference rate is only guaranteed through October 15, 2008, so call 1-866-750-4202 right away to make your reservation, and be sure to reference National Floodproofing Conference. Day trippers will find parking garages within a couple blocks. The late autumn weather in New Orleans is pleasant, with warm days and mildly cool nights. Take a peek at www.neworleansonline.com for more!

COMMUNITY FLOODPROOFING OPEN HOUSE & EXPO IN THE NEIGHBORHOOD

Sunday, Nov. 16, 2008: 1:00 pm to 6:00 pm, Lakeview

Organizers at the LSU Ag Center, in cooperation with local sponsors and team members, will highlight local successes and offer additional workshops and a floodproofing walking tour of the Lakeview area of New Orleans. Local residents and conference participants are encouraged to attend. All conference exhibitors will have the opportunity to exhibit at no extra charge! Please check back to the conference website for exciting developments and updates on this event.
VENDOR EXHIBITS

Schedule:
Monday, Nov. 17, 2008: 3:00 p.m. to 7:00 p.m.
Exhibits Viewing, 5:00 Social Hour

Tuesday, Nov. 18, 2008: 8:00 a.m. to 6:30 p.m.
Exhibits Viewing, 5:00 Social Hour

Wednesday, Nov. 19, 2008: 8:00 a.m. to 10:30 a.m.
Exhibits Viewing

Specs: All booths are 8x10 feet and include pipe/drape, 6’ table, 2 chairs and waste basket. Coffee breaks and social events are held in the Exhibits area to maximize exposure. Space is assigned in the order applications are received at the discretion of the Exhibits Chair. Security is provided during hours the exhibits are closed. Exhibitors receive a hard copy list of registrants’ names and addresses. More information and the registration forms are at www.floods.org, click on the NFPC-IV icon.

Exhibitor Registration Fee: $425 ($500 after October 17, subject to space available). Booth rental fee includes one full registration, which is good for admission to the general and concurrent sessions, luncheons, and the technical field tour. Additional booth representatives must register individually in advance for a $50 fee (limited to two per paid booth please), and they may purchase à la carte tickets for meals, workshops, and/or the field tour.

Exhibitors are invited to participate in the Sunday neighborhood event at no additional fee.

Questions? Contact ASFPM Exhibits Chair/Marketing Advisor
Dante C. “Dan” Accurti
Phone: 717-441-3529
E-mail: daccurti@deltaone.com
TECHNICAL FIELD TOUR

Tuesday 10:30-4:30 – (included in full conference registration)
Hosted by the New Orleans District Corps of Engineers

The tour will showcase a variety of innovative structure-raising and floodproofing technologies that are currently being employed in the New Orleans area. Tour buses will stop at specific job sites where participants can get a first-hand look at the structure-raising operations in action. Box lunch and beverage will be provided. Participants will be returned to the hotel for an Exhibitors Networking Social at 5:00.

PROFESSIONAL CREDIT HOURS

ASFPM will provide certificates of attendance to all persons attending the full three-day conference program. The conference and associated training workshops offer many opportunities for professional development credit. Participation in the full conference earns 12 Continuing Education Credits (CECs) for Certified Floodplain Managers. Workshops are assigned the applicable number of CECs in their respective descriptions.
Pre- and Post-Conference Training Workshops Sunday & Thursday

SUNDAY Nov. 16
1:00 – 5:00  Coastal Construction Techniques for No Adverse Impact  (4 CECs)
   Instructors: Alan Lulloff, P.E., CFM, ASFPM; NOAA

2:00-5:00  Certified Floodplain Manager (CFM®) Exam
   (must register directly with ASFPM)

A neighborhood expo with exhibits and workshops is being planned by locals for Sunday afternoon.

THURSDAY Nov. 20
8:00-9:45  Elevation Certificates  (2 CECs)
   Instructors: FEMA Region IV-VI Staff

8:00-12:00  Creative Strategies for Post-Disaster Construction,
   the Patchwork Quilt of Programs and Funding (4 CECs)
   Instructors: Edward A. Thomas, Esq.,
   Michael Baker, Jr., Inc., and others TBA

10:00-12:00  The NEW Substantial Damage Estimator  (2 CECs)
   Instructors: Wayne Berggren, CFM, FEMA R-VI; John Ingargiola, CFM, FEMA

8:00 - 12:00  The NEW FEMA BCA Tool Training (4 CECs)
   Instructors: Jody Springer, Shabbar Saifee, FEMA

ASFPM will conduct the national examination for professional certification as a floodplain manager on Sunday during this conference. Information and the application are online at www.floods.org/certification/certprog.asp. Persons interested in taking this examination must complete the application, pay the fee, and be pre-approved by ASFPM by November 1 in order to qualify. Questions about the CFM Program should be directed to Anita Larson, Certification Program Coordinator, at cfm@floods.org. If you reside in one of the six nationally accredited states – Arkansas, Illinois, New Mexico, North Carolina, Oklahoma, and Texas – you must contact your state program directly to apply for and arrange to take the exam.
**SUNDAY, NOVEMBER 16**

12:00 – 6:00  Registration

1:00 – 5:00  **Pre-Conference Workshop**

Coastal Construction Techniques for No Adverse Impact
- ASFPM and NOAA

2:00 - 5:00  CFM Exam

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**MONDAY, NOVEMBER 17**

7:30 – 6:00  Registration

8:30 – 10:00  **Opening Plenary Session 1 – LAYING IT OUT**

*Welcome, Opening Remarks*
- Mayor C. Ray Nagin, City of New Orleans; Col. Alvin B. “Al” Lee, District Engineer, USACE, New Orleans District

*Nonstructural/Floodproofing: A Growth Industry*
- French Wetmore, CFM, French & Associates, Ltd.

*Putting Nonstructural Measures First*
- Gerald Galloway, P.E., Ph.D., University of Maryland

**Moderator:** Al Goodman, CFM, ASFPM Chair, Mississippi State Floodplain Manager

10:00 – 10:30  **Break and Posters Viewing**
10:30 – noon **Concurrent Session A, Track 1**
Floodproofing/Nonstructural Policy and Societal Issues
1. Strengthening Local Programs thru University Community Partnerships – *UNO/CHART staff*
2. Issues/Challenges with Elevation in Post-Katrina New Orleans – *Shirley Laska, Ph.D., UNO/CHART*

**Concurrent Session A, Track 2**
Elevation and Wet Floodproofing
FEMA Bulletins updates will be followed by interactive discussion on the development of improved standard or test protocol for flood damage resistive materials.
– *John Ingargiola, CFM, staff, FEMA*

**Concurrent Session A, Track 3**
Barriers and Dry Floodproofing
1. Dry Floodproofing Projects of the Corps of Engineers – *Gene Barr, CFM, USACE Huntington District*
2. Dry Floodproofing in Mandeville, LA – *Wayne Berggren, CFM, FEMA Region VI*
3. Dry Floodproofing in Delaware – *Mike Powell, CFM, ASFPM Regulations Committee Co-Chair, Delaware State Floodplain Manager*

**Concurrent Session A, Track 4**
Financing, Packaging, and Incentives
1. Overview of Funding Sources for Flood Risk Reduction – *Nathaniel Jourdan, CFM, FEMA/TRO*
2. Floodproofing and the NFIP Community Rating System – *Bill Lesser, CFM, FEMA*
3. The NFIP and Floodproofing Historic Structures – *Wallace A. Wilson, P.E., CFM, W. A. Wilson Consulting Services*
Noon – 1:30 **Keynote Luncheon – MOVING PEOPLE TO MITIGATION**

**Essential Mitigation: Growing Its Role in Successful Community Recovery and Resilience**

In light of ever increasing flood damages and people and property at flood risk, there is a growing realization that we need to focus on a national commitment that mandates correct land use and that mandates correct politics to achieve a national objective of No Flood Risk.

– *Shirley Laska, Ph.D., UNO/CHART*

ASFPM Floodproofing/Retrofitting Committee Activities Report

– Co-Chairs Larry Buss, P.E., CFM, USACE NNFPC, and Patricia Skinner, LSU Ag Center

*Moderator: Steve McMaster, CFM, ASFPM Mitigation Committee Co-Chair, Nebraska Floodplain Manager*

1:30 – 3:00 **Concurrent Session B, Track 1**

**Floodproofing/Nonstructural Policy and Societal Issues**

1. Building Safer, Stronger, Smarter
   – *David Moore, Gene Baker, Claudette Reichel, LSU Ag Center*

2. Raised Floors Promotions: Resolving Real and Perceived Issues
   – *Cathy Kaake, CFM, Southern Forest Products Association*

3. The Next Storm Surge - Portraying Coastal Risk Convincingly
   – *Maurice Wolcott, Thomas Hymel, Pat Skinner, LSU Ag Center and Sea Grant Extension*

*Moderator: Deborah Mills, CFM, ASFPM Mitigation Committee Co-Chair, Virginia Dept. of Emergency Management*

**Concurrent Session B, Track 2**

**Elevation and Wet Floodproofing**

1. Updates to Flood Retrofit Course
   – *John Squerciati, CFM, Dewberry; Chris Hudson, FEMA*

2. FEMA 85 Manufactured Homes in FHAs, Multi Hazard Foundation and Installation Guide
   – *David Low, DK Low and Associates; John Ingargiola, CFM, FEMA*

3. Foundation Types in Coastal High Hazard Areas, intro to FEMA 550
   – *Daniel Bass, CFM, MS TRO; John Ingargiola, CFM, FEMA*
Concurrent Session B, Track 3
National Testing Programs
1. USACE/Underwriters Laboratories/ASFPM
   – Larry Buss, P.E., CFM, USACE NNFPC; George Riedel, CFM,
     ASFPM Deputy Executive Director
2. Certifying Flood Barriers – Clive Goodwin, FM Global
3. Flood Resistance of Materials and Systems
   – John Ingargiola, CFM, FEMA

Concurrent Session B, Track 4
Financing, Packaging, and Incentives
1. Increased Cost of Compliance, Real Life Examples
   – Ray Nees, CFM, Rock Island County, IL; Paul Osman, CFM,
     ASFPM Flood Insurance Committee Co-Chair, Illinois State
     Floodplain Manager
2. Successful Grant Ap Development: Challenges of Information
   Management – Dale Kirby, Solutient
3. You Have Your Funding, Now What?
   – Vicki Holmes, CFM, James Furlow, Solutient

3:00 – 3:30 Break, Exhibits, and Posters Viewing

3:30 – 5:00 Plenary Session 2 – OVERCOMING IMPEDIMENTS - GOING LOCAL!
You Don’t Have to Wait for Federal $$ – Hear exciting stories from
some experts who made it happen! Paul Osman, CFM, ASFPM
Flood Insurance Committee Co-Chair, Illinois State Floodplain
Manager; Bob Feit, Former Director of Board of Public Works,
Beatrice, Nebraska; Chad Berginnis, CFM, ASFPM Mitigation POD
Facilitator, State of Ohio Emergency Floodplain Manager
Moderator: Greg Main, CFM, ASFPM Vice Chair, Indiana State
Floodplain Manager

5:00 – 7:00 Exhibits Networking Social
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| 8:30 – 10:15 | **Plenary Session 3 – TURNING THE SHIP**  
**Actions & Plans for National Risk Reduction and the Importance of Nonstructural Measures** – MG Don Riley, Deputy Commanding General and Deputy Chief of Engineers, USACE; Michael Buckley, Deputy Assistant Administrator for Mitigation, FEMA-DHS; Clive Goodwin, Manager Flood/Wind, FM Global  
**Moderator:** Larry Buss, P.E., CFM, USACE NNFPC  
  
Technical Field Tour Orientation –  
Keven Lovetro, CFM, USACE New Orleans District |
| 10:15 | Brief rest stop and grab a “to go” coffee as you board the bus. |
| 10:30 – 4:30 | **Technical Field Tour**  
The tour will showcase a variety of innovative structure-raising technologies that are currently being employed in the New Orleans area. Tour buses will stop at specific job sites where participants can get a first-hand look at the floodproofing operations in action. Box lunch and beverage will be provided on the tour. Some light walking will be involved. Dress comfortably. |
| 5:00 – 6:30 | **Exhibits Networking Social** |
WEDNESDAY, NOVEMBER 19

7:30 – 5:30  Registration

8:30 – 10:00  Plenary Session 4 – DOING IT RIGHT

Don’t Flood Thy Neighbor – This panel will address public awareness/education, community liability issues, No Adverse Impact, communicating risk, and mitigating via nonstructural/floodproofing with incentives such as building codes, higher standards, CRS, and resources available outside your sandbox.

Samantha “Sam” Riley Medlock, CFM, JD, ASFPM Policy & Partnerships Program Manager; Michael Armstrong, Esq., Sr. VP of Member Services, International Code Council; Marsha Hilmes-Robinson, CFM, City of Fort Collins, CO

Moderator: Edward A. Thomas, Esq., Michael Baker, Jr., Inc.

10:00 – 10:30  Break, Final Exhibits Viewing

10:30 – noon  Concurrent Session C, Track 1

Floodproofing/Nonstructural Policy and Societal Issues

1. FEMA’s Mitigation Assessment Team (MAT) Updates: Developments Based on Katrina Experience and Observations from Midwest Floods 2008
   – John Squerciati, CFM, Dewberry; John Ingargiola, CFM, Chris Hudson, FEMA

2. Incorporating Freeboard into Building Design, Retrofitting, and Funding
   – Chris Jones, Christopher P. Jones Associates; Rebecca Quinn, CFM, RC Quinn Consulting; Manny Perotin, PBS&J Tampa; Adam Reeder, PBS&J

3. NFIP: Substantial Improvement / Substantial Damage Desk Reference Guide
   – Hilary Stephens, G&O; John Ingargiola, CFM, FEMA

Moderator: Wallace A. Wilson, P.E., CFM, W. A. Wilson Consulting Services
Concurrent Session C, Track 2

Elevation and Wet Floodproofing

1. The Elevation Story of Tehama, California
   – Clark Frentzen, USACE South Pacific Division
2. Rebuilding the Mississippi Gulf Coast
   – Charles Stallings, CFM, Mississippi EMA
3. Mitigate Flood Loss by Understanding It
   – Ataul Hannan, CFM, Harris County Flood Control District

Participants will engage in interactive discussion on these topics:

Discussion Session A-1
What are the impediments to implementing more nonstructural floodproofing? How do we get past them?

Discussion Session B-1
What are the roles of nonstructural/floodproofing in levee safety, aging infrastructure issues, and short and long term reliance on levees?

Noon – 1:30 Luncheon – CREATING THE VISION
Floodplain Management in 2050: What is the role of nonstructural/floodproofing measures to achieve the vision of the second Gilbert White Flood Policy Forum? – Scott Edelman, P.E., ASFPM Foundation President, Director, Watershed Concepts, A Division of HSMM | AECOM; Dale Lehman, P.E., CFM, ASFPM Foundation Development Committee Chair, VP, URS Corp
Moderator: Larry Larson, P.E., CFM, ASFPM Executive Director
1:30 – 3:00  **Participants will engage in interactive discussion on these topics:**

**Discussion Session A-2**
What are the impediments to implementing more nonstructural floodproofing? How do we get past them?

**Discussion Session B-2**
What are the roles of nonstructural/floodproofing in levee safety, aging infrastructure issues, and short and long term reliance on levees?

**Concurrent Session C, Track 3**
Buyouts and Relocations
1. HMGP Nonstructural Style, Innovative Pilots in the Gulf Coast  
   – *Frankie Coons, CFM, FEMA*
2. Mississippi Coastal Improvement Program (MsCIP) –  
   – *Gene Barr, CFM, USACE Huntington District*
3. Louisiana Coastal Protection & Restoration (LaCPR) –  
   – *Keven Lovetro, CFM, USACE New Orleans*

**Concurrent Session C, Track 4**
Financing, Packaging, and Incentives
1. Ground Truthing Repetitive Loss List  
   – *Alessandra Jerolleman, CFM, James Lee Witt Associates*
2. Severe Rep Loss Program and Acquisition: The Ultimate Floodproofing Technique  
   – *Zachary Usher, FEMA HQ; Ryan Janda, FEMA HQ; Pam Pogue, CFM, ASFPM Coastal Issues Committee Co-Chair, URS Corporation*
3. Flood Hazard Mitigation Study  
   – *Tony Krause, CFM; Randy Behm, CFM, USACE Omaha District*
### Wednesday, November 19

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<td>3:00 – 3:15</td>
<td>Quick rest stop, refreshment break is in closing plenary</td>
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| 3:15 – 4:30 | **Closing Plenary Session 5 – LOOKING TO THE FUTURE**  
Floodplain Management Issues Across the Nation  
– Larry Larson, P.E., CFM, ASFPM Executive Director
Future Action Plans  
– NFPC IV Program Coordinators and Co-Chairs of ASFPM
Floodproofing/ Retrofitting Committee, Patricia Skinner, LSU Ag Center & Sea Grant, and Larry Buss, P.E., CFM, USACE NNFPC |

### Thursday, November 20

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| 8:00 – 9:45 | Elevation Certificates  
– FEMA Regions IV and VI staff |
| 8:00 – noon | Creative Strategies for Post-Disaster Construction, the Patchwork Quilt of Programs and Funding  
– Edward A. Thomas, Esq., Michael Baker, Jr., Inc.; other instructors TBA |
| 8:00 – noon | The NEW FEMA BCA Tool Training  
– Jody Springer, Shabbar Saifee, FEMA |
| 10:00 – noon | The NEW Substantial Damage Estimator Program  
– Wayne Berggren, CFM, FEMA R-VI; John Ingargiola, CFM, FEMA |