

*60th Annual Meeting*

# **2008 EERI ANNUAL MEETING**

***THEME: HURRICANE KATRINA—LESSONS FOR EARTHQUAKE RISK REDUCTION***



**February 6-9, 2008  
Astor Crowne Plaza Hotel  
New Orleans, Louisiana**



**Earthquake Engineering  
Research Institute**

60th Annual Meeting

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**THEME: HURRICANE KATRINA—LESSONS FOR EARTHQUAKE RISK REDUCTION**

**Wednesday, February 6, 2008**

5:00–7:30 pm EARLY ON-SITE REGISTRATION

**5TH ANNUAL UNDERGRADUATE SEISMIC DESIGN COMPETITION** will be held throughout the Annual Meeting, sponsored jointly by EERI, the Pacific Earthquake Engineering Research (PEER) Center, Quanser, and NEES. The competition is an opportunity for undergraduate teams to design, analyze, fabricate (with balsa wood), and subject a scale model of a high-rise office building to earthquake motions. The Awards Ceremony will take place at 1:00 p.m. on Saturday. For competition rules, details, and entry information, go to <http://peer.berkeley.edu/students/Seismic.html>

5:30–7:00 pm **MEET THE MENTORS HOSTED ICE BREAKER**

Join us for an informal, get-acquainted icebreaker with complimentary snacks and a hosted bar.

**Thursday, February 7**

7:30 am ON-SITE REGISTRATION CONTINUES

8:30–8:50 am **WELCOME AND OPENING STATEMENT**  
*Thalia Anagnos, San Jose State University, President, EERI*

8:50–10:15 am **HURRICANE KATRINA—THE MAKINGS OF AND RESPONSE TO LARGE-SCALE URBAN CATASTROPHE**  
*Moderator: Laurie Johnson, Planning Consultant and Chair, Annual Meeting Program Committee*  
GeoSystems and Critical Infrastructure in Crisis:  
*T. D. O'Rourke, Cornell University*  
Responding to and Recovering from a Catastrophic Disaster – Louisiana's Lessons:  
*Walter Leger, Louisiana Recovery Authority*

10:15–10:45 am Break (beverages in Exhibit Area)

10:45–noon **IMPACT OF THE TERRIBLE TRIPLETS—IVAN, RITA, AND KATRINA—ON THE ENERGY SECTOR**  
*Moderator: Douglas Nyman, DJ Nyman & Associates*  
Wind and Wave Impacts on the Energy Sector in 2004-05—Lessons for Offshore Infrastructure Design: *David Wisch, Chevron Energy Technology Company*  
Submarine Landslide Hazards in the Gulf of Mexico: *Jean Audibert, Quest Geo-Technics*

12:00–2:00 pm **AWARDS LUNCHEON**  
**2008 DISTINGUISHED LECTURE**  
Earthquakes, Hurricanes and Other Disasters—  
A View from Space: *Ronald T. Eguchi, ImageCat Inc.*

2:00–3:15 pm **ENHANCING THE RESILIENCY OF HOSPITALS AND CRITICAL FACILITIES—LESSONS FROM NEW ORLEANS, CALIFORNIA, AND ELSEWHERE**  
*Moderator: Zolan Prucz, Modjeski & Masters, Inc.*  
Impacts on New Orleans' Hospitals both during and after Katrina: *Grant Walker, Ochsner Hospital Group*  
Improving Hospital Resilience in Earthquakes—  
What to Do While Waiting for the "Big One":  
*R. Jay Love, Degenkolb Engineers*  
Lessons from Across the U.S. in Hospital Resilience: *Lucy Arendt, University of Wisconsin*

3:15–4:15 pm **LEARNING FROM EARTHQUAKES RECONNAISSANCE REPORTS**  
*Moderator: William Holmes, Rutherford & Chekene*  
Niigata-chuetsu Oki, Japan, Earthquake of July 16, 2007  
Pisco, Peru, Earthquake of August 15, 2007  
*Speakers TBA*

4:15–5:45 pm **TECHNICAL AND ADMINISTRATIVE COMMITTEE MEETINGS**  
**STUDENT DESIGN COMPETITION (CONCURRENT)**

5:45–7:00 pm **GENERAL RECEPTION AND POSTER SESSION\***

6:00–7:00 pm **MAJOR DONORS' RECEPTION**

7:00–9:00 pm **OPTIONAL COMMUNITY PROGRAM**  
**Community Forum on Mitigation Advocacy—Lessons Learned in Promoting Earthquake Risk Reduction**  
Co-hosted with the University of New Orleans' Center for Hazard Assessment Response and Technology (CHART)  
*Moderators: Rob Olshansky, University of Illinois, and Shirley Laska, University of New Orleans*  
**Panel:** *Klaus Jacob, Columbia University; David Rogers, University of Missouri-Rolla; and Arrietta Chakos, Harvard University*

Meeting participants are invited to join New Orleans area residents and leaders in a community forum on disaster mitigation advocacy. The discussion will be led by a panel of seismic advocates from across the U.S. who have successfully promoted risk reduction in their regions. The forum will be followed by a meet and greet reception with local residents and leaders. (*Downtown Location TBA*)

Background photo, panels 1-2: *Jocelyn Augustino/FEMA*

\*See <http://www.eeri.org> for poster requirements

**Friday, February 8**

- 7:00 am CONTINENTAL BREAKFAST FOR COMMITTEE MEETING PARTICIPANTS
- 7:30–9:30 am TECHNICAL AND ADMINISTRATIVE COMMITTEE MEETINGS
- 9:30–9:50 am EERI STUDENT PAPER COMPETITION WINNER: TBA
- 10:00–11:30 am **RESTORING CRITICAL INFRASTRUCTURE AFTER CATASTROPHES**  
Moderator: *Reginald DesRoches, Georgia Tech University*  
Transportation and Port Restoration Along the Gulf Coast—Lessons for Other Regions: *Reginald Des Roches, Georgia Tech University*  
Telecommunications Restoration—The Cox New Orleans Experience: *Franklin Vincent, Cox Communications Louisiana*  
Other Infrastructure: *Speakers TBA*
- 11:30–11:50 am 2006-07 EERI/FEMA NEHRP GRADUATE FELLOW: *Jamie Padgett, Rice University*
- 12:00–2:00 pm **ANNUAL BUSINESS MEETING LUNCHEON**
- 2:00–3:15 pm **POST-DISASTER DATA APPLICATIONS AND MANAGEMENT**  
Moderator: *Susan Cutter, University of South Carolina*  
Lessons from the Katrina Disaster Data Clearinghouse: *John Pine, Louisiana State University*  
Federal and Emergency Response Uses of Katrina Clearinghouse Information: *Douglas Bausch, FEMA*  
Future Disaster Data Acquisition: *Bruce Davis, Department of Homeland Security*
- 3:15–3:45 pm Student Design Competition/Break
- 3:45–5:15 pm **SCENARIO-DRIVEN CATASTROPHE PLANNING**  
Moderator: *Douglas Bausch, FEMA*  
Lessons from the Hurricane Pam Exercise: *Sean Fontenot, IEM, Inc.*  
New Madrid Earthquake Scenarios and Exercise Planning: *Amr Elnashai, Mid-America Earthquake Center*, and *Greg Hempen, EERI New Madrid Chapter*  
Catastrophic Planning Initiatives in California: *Jeffrey Lusk, FEMA Region IX*
- 5:30–7:00 pm **POSTER SESSION\*, STUDENT DESIGN COMPETITION, AND GENERAL RECEPTION**
- 6:00–7:00 pm **SUBSCRIBING MEMBERS RECEPTION**
- 7:00–9:00 pm **BANQUET**  
*Jed Horne, former city editor of The New Orleans Times Picayune and author of Breach of Faith*

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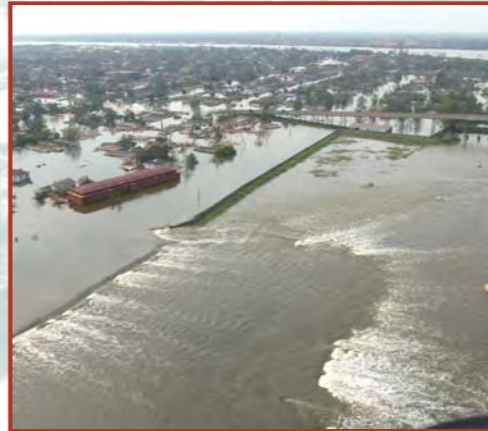
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In advance of Hurricane Katrina, New Orleans residents line up to take shelter in the Superdome (photo: *Marty Bahamonde/FEMA*).



Break in the levee in the 9th ward, New Orleans, August 30, 2005 (photo: *Jocelyn Augustino/FEMA*).



Homes pushed off their foundations after the levees broke (photo: *Marvin Nauman/FEMA*).

**Saturday, February 9**

- 7:00–9:00 am COMMITTEE CHAIRS MEET WITH EERI BOARD OF DIRECTORS
- 9:00–10:15 am **ACHIEVEMENTS OF 75 YEARS OF STRONG MOTION SEISMOLOGY**  
Moderator: *Robert Bachman, Consulting Structural Engineer and COSMOS*  
History and Engineering Ramifications of Strong Motion Measurements: *Wilfred Iwan, California Institute of Technology*  
The 100 Strongest Ground Motions Ever Measured: *John Anderson, University of Nevada, Reno*  
Data Processing Quality Guidelines and Key Data Gaps in Current Measurements: *Norman Abrahamson, Pacific Gas & Electric Company*  
(Coffee available at back of room)
- 10:15–11:30 am **DEALING WITH LOW-PROBABILITY/HIGH-CONSEQUENCE EVENTS: WHAT RECENT CATASTROPHES ARE TEACHING US**  
Moderator: *John Christian, John T. Christian Consulting Engineer*  
Risk and Reliability Conclusions from the IPET Katrina Studies: *Greg Baecher, University of Maryland*  
Benefits of a Multi-Hazard Engineering Approach: *Michel Bruneau, State University of New York, MCEER*  
Consequences of Cascading Catastrophic Events: *Patricia Grossi, Risk Management Solutions Inc.*
- 11:30–1:00 pm **LUNCHEON**  
**5TH ANNUAL SSA/EERI WILLIAM B. JOYNER MEMORIAL LECTURE**  
Transparent Seismic Mitigation for Community Resilience: *Chris D. Poland, Degenkolb Engineers*

**Saturday, February 9 (continued)**

- 1:00–1:15 pm **SHAKE TABLE COMPETITION AWARDS CEREMONY**
- 1:15–1:30 pm Field Trip Introduction: *Laurie Johnson and Program Committee*
- 1:30 pm Technical Program Adjourns
- 1:30–5:30 pm **OPTIONAL FIELD TRIP**  
The tour will circle around the city of New Orleans, looking at major flood and hurricane levee protection works along the Industrial Canal, the MR-GO, the 17th Street Canal and Lake Pontchartrain. We will also view community recovery and mitigation efforts in a diverse range of neighborhoods, including the Lower 9th Ward, New Orleans East, and Lakeview: *Speakers and specific stop locations TBA*

**HOTEL INFORMATION**

The Astor Crowne Plaza in the French Quarter, 739 Canal Street at Bourbon, New Orleans, LA 70130. IN ORDER FOR EERI TO FILL ITS ROOM BLOCK, YOU MUST MAKE YOUR RESERVATION BY **JANUARY 8, 2008**. The EERI group rate for single and double rooms is \$139 plus tax. Hotel reservations can be made from a link on EERI's home page, [www.eeri.org](http://www.eeri.org). Input code "EER." A small number of rooms are available on February 4 and 5, the last two days of Mardi Gras, at the \$139 rate, on a first-come, first-served basis. For the previous weekend (February 1-3), the rate will be higher, and you must make your reservation by phone (1-866-750-4202).

Check-in time is 4:00 p.m.; check-out time is 12:00 noon. Valet-only parking is available for \$24.95 per day. The Astor Crowne Plaza is located 12 miles from the Louis Armstrong New Orleans International Airport. Shuttle service from the airport to the hotel is \$13/person one way; taxi fare is approximately \$30.

**EERI ANNUAL MEETING REGISTRATION**

(Clip and mail or fax to EERI, or register online at [www.eeri.org](http://www.eeri.org))

Name (first to last) \_\_\_\_\_ EERI Membership ID Number \_\_\_\_\_

Business Name/Affiliation (for name tag) \_\_\_\_\_

Street Address/PO Box \_\_\_\_\_

City/State/Zip/Country \_\_\_\_\_

Daytime Telephone/Daytime Fax \_\_\_\_\_

e-mail address \_\_\_\_\_

I wish to participate in the tour of New Orleans, Saturday, Feb. 9, 1:30 - 5:30 p.m. (\$10 per person, add to reg. fee below).

Registration fee includes 3 lunches, one Friday banquet ticket (additional banquet tickets \$100 \_\_\_\_ ) and a notebook.

- EERI Member \$400 \_\_\_\_\_ Non-Member \$600\* \_\_\_\_\_
- EERI Retired Member \$200 \_\_\_\_\_ EERI Student Member \$200\*\* \_\_\_\_\_
- EERI Young Professional Member \$200 \_\_\_\_\_
- Undergraduate Student \$25 \_\_\_\_\_ (includes 1-year EERIE-Student Membership. DOES NOT INCLUDE ANY LUNCHEES OR BANQUETS.)

**\*NEW MEMBERS: JOIN EERI TODAY**—Pay only \$200 for 2008 EERI Membership (regular dues are \$231) and save \$200 on registration:

I wish to join (enclose total of \$600).

**\*\*STUDENTS: JOIN EERI TODAY**—Pay only \$40 for Student Membership (or \$25 for E-Student Membership) and save \$400 on registration:

I wish to join (enclose total of \$240 or \$225). (If this option is chosen, you will receive a form requiring the signature of a professor or officer certifying student status.)

TOTAL Amount Enclosed \_\_\_\_\_ (Add \$50 after January 16, 2008)

**PRE-REGISTRATION DEADLINE: January 16, 2008.** LATE AND ON-SITE REGISTRATION, ADD \$50.

CANCELLATIONS: If received in writing on or before January 25, refund less \$25; after January 25, 2008, 50% will be refunded.

Make check payable to: **EERI, 499 14th Street, Suite 320, Oakland, CA 94612-1934.** For more information, phone (510) 451-0905, fax (510) 451-5411, e-mail: [eeeri@eeeri.org](mailto:eeeri@eeeri.org).

Please do not fax registration form unless you are paying with a credit card (VISA or MasterCard).

VISA/MasterCard No. \_\_\_\_\_ Expiration Date \_\_\_\_\_

Authorized Signature \_\_\_\_\_

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