

**Registration Form:**

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**Register online at**  
**[www.ncsea.com](http://www.ncsea.com).**

**Registration Fee:** \$275 per day

**Registration Fee for both days:** \$500

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Friday (\$275)    Saturday (\$275)    both days (\$500)

Visa    MasterCard    American Express

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**Mail** this completed Registration Form with check payable to NCSEA to: NCSEA 645 N. Michigan Ave., Suite 540, Chicago, IL 60611.

**Fax** this completed Registration Form with credit card information to: NCSEA 312.649.5840.

**Accommodations:**

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**OMNI HOTEL**  
621 St. Louis Street  
New Orleans, LA 70140

**Reservations:**  
800-578-0500 or 504-529-5333  
[www.omniroyalorleans.com](http://www.omniroyalorleans.com)

*Mention NCSEA Winter Institute for a special \$149 room rate until January 8, 2007.*



**National Council of  
Structural Engineers Associations**

2007 Winter Institute  
January 26-27, 2007

Omni Hotel  
New Orleans, Louisiana

A two-day seminar featuring lessons learned from Hurricanes Katrina, Ivan, Rita and others. Even if you do not design buildings in the coastal areas of the United States, you will gain valuable information from this seminar that can be applied to your structures. Included in the program Friday is a tour of the damaged areas of New Orleans.

## Friday January 26, 2007

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7:30 a.m. to 8:30 a.m.  
REGISTRATION AND  
CONTINENTAL BREAKFAST

8:30 a.m. to 10:00 a.m.  
**Hurricane Katrina: What happened and why?**  
*An overview of the failure of the levees*  
Robert Gilbert, PE, PhD, Prof. of Civil Engineering,  
Univ. of Texas, Member of Science and Engineering  
Review Team for Coastal Louisiana Protection and Res-  
toration, Member of External Review Panel to Evalu-  
ate Hurricane Katrina Levee Failures in New Orleans.

10:00 a.m. to 10:15 a.m.  
BREAK

10:15 a.m. to 11:45 a.m.  
**Damages**  
*An overview of the damages  
to critical facilities, including hospitals*  
E. Scott Tezak, PE, Project Manager, URS Corpora-  
tion, Boston, MA, Project Team Leader in the FEMA-  
sponsored wind field investigations in the Gulf Coast  
for Hurricanes Katrina and Rita (2005), Vice-Chair-  
man of the ICC Committee IS-STM, responsible for  
the development of the first Storm Shelter Standard  
(expected to become available in 2007).

12:15 p.m. to 4:15 p.m.  
BUS TOUR/BOX LUNCH  
**Presentation on the failure modes of the levees  
and the general design approach for the repairs**

5:00 p.m. to 6:30 p.m.  
RECEPTION

7 Professional Development Hours

## Saturday January 27, 2007

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7:30 a.m. to 8:00 a.m.  
REGISTRATION AND  
CONTINENTAL BREAKFAST

8:00 a.m. to 9:30 a.m.  
**FEMA 550: Recommended Residential  
Construction for the Gulf Coast**  
*Building on Strong and Safe Foundations*  
David Low, PE, one of the principal authors of  
FEMA 550, and Member of FEMA's Mitigation  
Assessment Teams.

9:30 a.m. to 9:45 a.m.  
BREAK

9:45 a.m. to 11:15 a.m.  
**Lateral Load Resistance Systems  
for Wood Structures**  
Robert J. Taylor, PhD, PE, Assoc. AIA, Director,  
Technology Transfer, American Forest & Paper As-  
sociation (AF&PA), formerly Professor of Struc-  
tures at the School of Architecture, Montana State  
University, Bozeman, Montana.

11:15 a.m. to 12:00 p.m.  
**Wood Frame Construction Manual  
2001 Edition**  
Robert J. Taylor, PhD, PE, Assoc. AIA, Director,  
Technology Transfer, American Forest & Paper As-  
sociation (AF&PA), formerly Professor of Struc-  
tures at the School of Architecture, Montana State  
University, Bozeman, Montana.

12:00 p.m. to 1:00 p.m.  
LUNCH

1:00 p.m. to 2:15 p.m.  
**Wood Frame Construction Manual  
2001 Edition Continued**  
Robert J. Taylor, PhD, PE, Assoc. AIA, Director,  
Technology Transfer, American Forest & Paper As-  
sociation (AF&PA), formerly Professor of Struc-  
tures at the School of Architecture, Montana State  
University, Bozeman, Montana.

2:15 p.m. to 3:15 p.m.  
**ASD and LRFD with the National Design  
Specification for Wood Construction**  
Robert J. Taylor, PhD, PE, Assoc. AIA, Director,  
Technology Transfer, American Forest & Paper As-  
sociation (AF&PA), formerly Professor of Struc-  
tures at the School of Architecture, Montana State  
University, Bozeman, Montana.

3:15 p.m. to 3:30 p.m.  
BREAK

3:30 p.m. to 5:30 p.m.  
**Designing Building Envelopes  
for Wind Damage**  
*Roofs, Doors, Glazing, Roof Top Equipment*  
Thomas Lee Smith, licensed architect, registered  
roof consultant, and member of the FEMA teams  
performing investigations after hurricanes and ty-  
phoons over the past 10 years.

8 Professional Development Hours