



# One Voice

## US Codes and Standards for Practicing Structural Engineers

By David Bonneville: Chair, NCSEA Code Advisory Committee

The mission of the NCSEA Code Advisory Committee (CAC) is to improve the nation's building codes for the good of the entire design and construction industry. The CAC aims to accomplish this by serving as the voice of the practicing structural engineer in the code development process.

Recently, the CAC implemented a procedure that makes it easier for practicing structural engineers to participate in the development of the codes and standards that govern our practices. Both technical and geographical considerations are taken into account, as follows: There are four subcommittees that address code-related issues by topic area. The four are General Engineering (Ed Huston and Stephanie Young, Co-chairs), Special Inspection/Quality Assurance (Kirk Harman, Chair), Seismic Provisions (Martin Johnson, Chair) and Existing Buildings (Mel Green, Chair). Each of the subcommittees is comprised of the Chair and two members from each of four geographic regions of the country. The map (Figure 1) shows the CAC geographic regions, while Subcommittee member lists and contact information may be found on the NCSEA website ([www.NCSEA.org](http://www.NCSEA.org)).

If you, as a practicing structural engineer, have an issue, comment or question related to a current US code or standard, you are encouraged to bring it to the attention of the appropriate subcommittee Chair or your regional representative. If the issue is material-specific, the CAC subcommittee will coordinate with the appropriate standards development organization (ACI, AISC, etc). If it is not material-specific, but is more appropriately addressed at the standards level, the CAC subcommittee will coordinate with ASCE/SEI. If your Member Organization (your state or regional SEA) has its own technical committees that regularly address code changes, however, it will be preferable for you to bring it to the attention of your Member Organization's technical committee first and then allow the committee to elevate it to the NCSEA CAC.

It is extremely important that all NCSEA Member Organizations address code change proposals through the NCSEA CAC, so that US practicing engineers can speak with one voice. If

you are uncertain about whom you should contact, bring your proposal or issue to anyone within the CAC; it will find its way into the hands of the right committee or expert, as easily and quickly as email can be forwarded. Our subcommittees exist to serve as your voice as a practicing structural engineer. Furthermore, they are well connected, both within NCSEA and to the larger community of standards development organizations.

The 2006 IBC, like the IRC and the IEBC, has been published and is available for adoption by jurisdictions. The IBC Chapter 16 provisions are based on ASCE/SEI 7-05, which has significant updates in the wind and seismic provisions, as well as a total reformatting of seismic provisions. The steel, concrete, masonry and wood chapters are based on 2005 updates to their respective standards. Go-

ing forward, the ICC will publish one supplement prior to the 2009 edition. March 24<sup>th</sup> was the deadline for submittal of code change proposals for the 2007 Supplement. The ICC plans to publish a monograph of the proposed changes by July 14<sup>th</sup>. Votes will be taken on proposals at the Code Development Hearings to be held in Lake Buena Vista, Florida, September 20-30 of this year. The hearing will be followed by a public comment period, with Final Action Hearings to be held in May 2007. The NCSEA CAC and its four subcommittees will testify on proposals at both hearings and welcome your input on these hearings as well as the 2009 ICC cycle and the standards it will be based on, following the process discussed above. For detailed information on the proposed code changes and schedule, see [www.iccsafe.org](http://www.iccsafe.org). ■

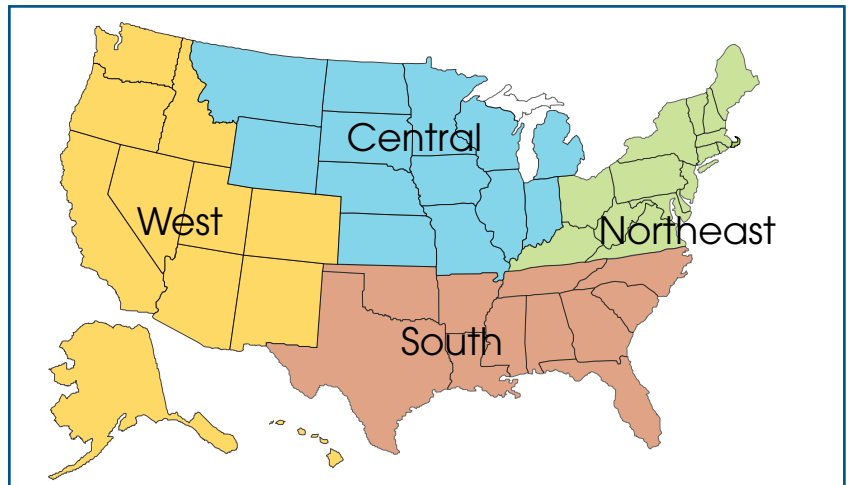


Figure 1: Code Advisory Committee Geographic Regions

### NCSEA Calendar for June

**Friday, June 16**

Last day to submit

Entries for the NCSEA 2006

Excellence in Structural Engineering Awards

**Wednesday, June 21, 2006**

NCSEA Web Seminar with

Ronald O. Hamburger, SE, SECB

Two New Standards for Seismic Design of Steel Structures:

AISC 358 - Prequalified Connections for Steel Moment Frames for Seismic Applications

AWS D1.8 - Seismic Supplement to D1.1 Structural Welding Code

10:00 a.m. to 11:30 a.m. Pacific

11:00 am to 12:30 pm Mountain

12:00 pm to 1:30 pm Central

1:00 pm to 2:30 pm Eastern

\$250 per each audio and web connection, with an additional \$2 per

Person requesting a Continuing Education Certificate

Visit [www.ncsea.com](http://www.ncsea.com) for more information.

**National Council of Structural Engineers Associations**  
**Fourteenth Annual Conference**  
**Salt Lake City, Utah • September 14 - 16, 2006**

**Preliminary Program Highlights**

**Keynote Address: Leadership - Leading So Others Will Follow**

Kathy Loveless, CSP - Loveless Enterprises, Inc.

**Utah State Capitol Restoration**

Parry Brown, SE and Jerod Johnson, PE, LEED - Revealey Engineers & Associates

**Assessment of Existing Structures Subjected to Blast Loads**

Johnny Waclawczyk and Ben Harrison - ABS Consulting

**Every Employee a Marketer**

Rick Stock, CMP - Architectural Nexus

**Designing for Avalanche Loads**

Justin D. Naser, PE and Kent Rich, SE - ARW Engineers

**Design of Steel Structures for Blast Related Progressive Collapse Resistance**

Ronald O. Hamburger, SE - Simpson, Gumpertz & Heger Inc. Consulting Engineers



220 South State Street  
 Salt Lake City, Utah 84010

**Reservations:**

For reservations, call the hotel directly at 866-961-8700 or 801-961-8700, or visit [www.Marriott.com/SLCCC](http://www.Marriott.com/SLCCC) and use Group Code STRSTRA.

Single or Double Room Rate: \$125 plus tax

Mention NCSEA to receive this special room rate.

**This room rate is guaranteed only through August 22, 2006.**

**Special for Spouses**

**Historic Temple Square Tour -  
 Genealogy or Shopping -  
 Afternoon Tea**

**Friday, September 15<sup>th</sup>, 9:00 am to 3:30 pm**  
**\$20 per person**

First, a guided tour of Historic Temple Square, one of Utah's most visited attractions. Then, you choose either genealogy research at the Family Search Center or shopping at The Gateway. Finally, Afternoon Tea at The Grand America Hotel.

**Utah Olympic Park Tour  
 Lunch on Historic Main Street  
 in Park City**

**Saturday, September 16<sup>th</sup>, 9:00 am to 3:30 pm**  
**\$90 per person**

First, a guided tour of the Utah Olympic Park. The park houses the Alf Engen Ski Museum and the 2002 Eccles Olympic Winter Games exhibit and theater, as well as its Olympic tracks and jumps. This amazing facility is home to many athletes who train here in summer and winter. (Rides on the bobsled run, zipline, and alpine slide are available at an extra cost.) Then lunch at Café Terigo in Park City. Finally, stroll and shop along historic Main Street.

Registration form at [www.ncsea.com](http://www.ncsea.com)

**REGISTRATION FORM**

Name \_\_\_\_\_  
 Firm \_\_\_\_\_  
 Address \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Companion \_\_\_\_\_  
 Phone ( \_\_\_\_\_ ) \_\_\_\_\_  
 Fax ( \_\_\_\_\_ ) \_\_\_\_\_  
 Email \_\_\_\_\_

Delegate from \_\_\_\_\_  
 Member Organization \_\_\_\_\_

**Member Registration - \$575 per person**

Registration fee includes Thursday evening Welcoming Reception, Professional Program, Trade Exhibits, breakfast, lunch and refreshment breaks on Friday and Saturday, Friday evening dinner at Rice-Eccles Stadium and Tower, and Saturday evening dinner at the Closing Awards Banquet.

**Companion Registration - \$250 per person**

Companion fee includes Thursday evening Welcoming Reception, Friday continental breakfast, Friday evening dinner at Rice-Eccles Stadium and Tower, Saturday continental breakfast, and Saturday evening dinner at the Closing Awards Banquet.

**Total Amount Enclosed** \_\_\_\_\_

Credit Card Number: \_\_\_\_\_ Expiration Date: \_\_\_\_\_

Signature: \_\_\_\_\_  Visa  MasterCard  American Express

Disability Requirements? \_\_\_\_\_

**If paying by check, mail check payable to NCSEA, with this completed Registration Form, to:  
 NCSEA • 645 North Michigan Avenue • Suite 540 • Chicago, Illinois 60611.**

**If paying by credit card, fax this completed Registration Form to NCSEA at 312-649-5840.**

Photos courtesy of Eric Schramm for the Salt Lake Convention & Visitors Bureau and the Marriott Salt Lake City Center.

