

# ASCE 7-10 – Changes from ASCE 7-05

April 13, 2010



This seminar will present a detailed and comprehensive overview of the substantive changes from ASCE 7-05 to ASCE 7-10. Major revisions have taken place in both the wind design and the seismic design provisions. Wind design has changed more drastically than any time since the publication of ASCE 7-95. The reorganization of the wind provisions will be discussed and the changes to the wind maps and the corresponding changes to the load factors will be explained. In addition, the new simplified version of the general analytical procedure under Method 2, which is applicable to buildings of all heights, will be addressed.

The four major changes to the seismic maps will be presented and reasons as to why these changes were found necessary and how they will affect seismic design results will be explained. There are many other significant changes to the ASCE 7 seismic provisions, such as changes to Table 12.2-1 (the R-values table), that will be discussed.

In addition to covering changes to the wind and seismic provisions, the seminar will also present a detailed and fairly comprehensive overview of the substantive changes to the provisions for the other types of loads found in ASCE 7. These include the introduction of performance-based design procedures, replacement of occupancy categories with risk categories, enhancement of the general structural integrity requirements, and so forth.

## Biography

Dr. S.K. Ghosh, President of S.K. Ghosh Associates, is known internationally for his work in earthquake engineering. He has influenced seismic design provisions in the United States for many years by serving on or chairing numerous committees and advisory panels. He played a major role in the development of shearwall design provisions of the 1994 IBC and the precast concrete design provisions of the 1997 UBC. Dr. Ghosh has lectured extensively in the U.S. and abroad on the analysis, response, and design of concrete structures. He specializes in the analysis and design, including earthquake resistant design, of reinforced and prestressed concrete structures. Dr. Ghosh is active on many national technical committees, and is a fellow of ACI. He is a member of ACI Committee 318, Standard Building Code, and of the ACI Technical Activities Committee.

**The seminar will provide 7.5 hours of continuing education credit.** Advance reservations are required – please see instructions below. If you have questions on the seminar, please contact Elizabeth O'Connor at 312-726-4165 x301.

## Registration Form

### ASCE 7-10

**April 13, 2010 – 8am-5pm**

Available via the Web!  
Check the box for Web  
access

#### MAIL FORM AND PAYMENT TO:

SEAOI  
134 N. LaSalle Street, Ste. 1910  
Chicago, IL 60602

Or fax your registration form to the  
SEAOI office at 312.726.4166

Registration Deadline: April 6  
Late Registration: April 7-13  
Cancellation Fee by Apr. 6: \$50  
No Refunds after Apr. 6

Name	E-Mail Address	Daytime Phone
Company Name		Cell Phone
Address		Yes No SEAOI Member?
City / State / Zip		
<input type="checkbox"/> Charge to Credit Card	<input type="checkbox"/> Check Enclosed (payable to SEAOI)	
<input type="checkbox"/> MC or <input type="checkbox"/> Visa No.	Expiration Date	Amount Enclosed
Signature		

<u>Seminar Location:</u>	<u>Seminar Fee:</u>	<u>By April 6</u>	<u>After April 6</u>
Maggiano's 111 W. Grand Ave. Chicago, IL	SEAOI Members: Non-Members:	\$300 \$400	\$375 \$475