



FREE WEBINAR: COMMITTEE REALIGNMENT

Wednesday, March 27, Noon to 1pm

Presented by: **Joe LaBrie**, SEAOSC President, **Doug Thompson**, SEAOSC President-Elect, **Janah Risha**, SEAOSC Past President

The Structural Engineers Association of Southern California is currently implementing its realignment plan first presented to the membership last year. The next focus of this effort is the Committee work that has been so instrumental to our past success. SEAOSC is pleased to present this webinar which will re-introduce the updated Committees and Committee structure of the organization.

This webinar will describe the overall direction of the Association's committee work. Furthermore, this webinar will present, in general terms, the charges/ assignments of each committee along

with planned time frames expected for completion of the various tasks. The presentation will describe where member volunteers are needed to serve on committees and the anticipated time resources that are associated with the service.

Most importantly, the webinar will identify opportunities for both seasoned and new engineers who aspire to engage in the work and growth of our SEAOSC. It will expose them to new ways to enhance their contribution while honing their technical skills and furthering their personal development within the Structural Engineering field.

SEAOSC Members can view the 2012 Realignment Plan online in the Document Library tab after logging in with your username and password.

President's Message

By Joe LaBrie, SE

Glass Ceilings Make for Dangerous Structures

I am often puzzled by the differences between the basic conditions of the Structural Engineering profession and those of other industry professions. Why is it that the general public knows full well what an orthopedic surgeon does, but still thinks we engineers drive trains? How is it that a real estate broker can make 6% each time he or she sells a building and the structural engineer does well to make a tenth of that (one time) for engineering it?

These are questions that some might find reasonable answers to; but maybe not. Perhaps the most difficult question to answer is why there are not more women in leadership positions within the structural engineering profession? Personally, I cannot think of an answer that would satisfy

In my own experience I have observed that women Structural Engineers represent our profession with extraordinary, fresh insights that would be lost under solely male representation. One of the women engineers at my firm is Aida Aroditis. She is an outstanding leader and engineer. I have yet to meet a client that did not only like working with Aida, but preferred it. Grace Kang is the president of SEAONC and does a wonderful job at providing leadership to our sister Association.

There are two women who currently serve on our SEAOSC Board of Directors, Ifa Kashefi and Diana Nishi. Both of them are remarkable engineers and our Association (and especially our profession) is better because of their ongoing contributions. If you have not met Michelle Kam-Biron, Director of Educa-

(Continued on Page 2)

Los Angeles Lunch Meeting

April 3, 2013

Program: State of the Practice Forum, an annual panel discussion

Moderator: Kevin O'Connell

Location: The Palm Restaurant, 1100 S. Flower St, Los Angeles

Networking: 11:30 am

Lunch & Program: 12:00-1:30 pm

Cost: \$45; Students: \$25

Appreciation Day at the Races

April 7, 2013

Location: Santa Anita Race Track, 285 W. Huntington Dr, Arcadia, CA 91066

Grounds Open: 10:30-5:00 pm

BBQ Buffet Lunch: 12:00-2:00 pm

Cost: Adults \$30; Teens \$25; Kids \$15

Webinar

April 9, 2013

Program: Seismic Risks of Electrical Power Delivery Systems

Speaker: James Day, SE, SECB

Time: 12:00-1:00 pm

Cost: SEAOSC Members \$75

Orange County Dinner Meeting

April 17, 2013

Program: ASCE 7-10 & Beyond

Speaker: Ronald Hamburger, SE, SECB

Location: Costa Mesa Country Club, 1701 Golf Course Dr., Costa Mesa

Networking & Dinner: 5:30- 6:30 pm

Program: 7:30-8:30 pm

Cost: \$35, Students \$15

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President's Message

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tion for the American Wood Council, then you are really missing out on one of our industry's most impressive women engineers. I could continue to mention great women engineers that own their own businesses like Maryann Phipps and Simin Naaseh, but I believe it is clear that there are excellent women engineers out there making their mark; just not enough of them.

I don't get it... Is there an unhealthy condition that pervades the industry that inhibits the development of more women into business practice leaders? Is there a prevailing perception that there is a 'good ol boy network' that limits opportunities for women? Are there warped preexisting notions about how and what women could and should contribute to the practice of Structural Engineering? I am hard pressed to believe that there are not more women in the profession that desire leadership roles. It's time for us to better adapt to the changing world around us; from technology to more subtle, antiquated ways of thinking.

There is great value in tradition and the legacy of those leaders that have gone before us. However, I believe even our Associa-

tion founders would want us to look to the future for progress in addition to the past for stability. It is unhealthy for the Association to "hang-on" to "old ways" that are not only counter cultural, but limit our ability to thrive and dismantle the unity within our profession. The time is now for us all to recognize our profession's most prominent untapped resource: the brilliance of women Structural Engineers.

It is my sincere hope that we will soon see our first woman president of the Structural Engineers Association of Southern California. In the meantime, let's share the responsibility of promoting women engineers to positions of increased prominence. Let's remove the hazards created by the dangerous structures of 'glass ceilings'. Let's make the Structural Engineering profession better by breaking down the glass ceilings that prevent women from taking their equal place in leadership positions.

Joe La Brie

In Memoriam

W. Gene Corley

SEAOSC is saddened by the news that prominent structural failure investigator **W. Gene Corley**, whose career spanned 50 years, died March 1 at age 77, after a battle with cancer.

A moment of silence was held in his honor during SEAOSC's recent dinner meeting on March 6, 2013. Corley was also a director in 1998 for the National Council of Structural Engineers Associations (NCSEA).

Corley was perhaps best known for leading teams that studied the collapses of Oklahoma City's Alfred P. Murrah Federal Building, bombed on April 19, 1985, and the twin towers of Manhattan's World Trade Center, attacked on Sept. 11, 2001.

"Solving problems with structural engineering materials was his passion," says Jeffrey L. Garrett, president and CEO of CTLGroup, Skokie, Ill., where Corley was senior vice president for more than 25 years. "He had this incredible insightful intuition."

Corley was active in developing building codes and standards, especially in service to the American Concrete Institute. He advocated a multihazard mitigation approach to design, maintaining that building performance could thus be improved on several fronts for little added cost.

Corley also strongly supported separate licensing of structural engineers. "The structural engineer is the only one always responsible for life safety," said Corley at a meeting on the topic in 2002. "To provide life safety takes a level of knowledge in structural engineering. It is not enough to know civil engineering."

As team leader of the American Society of Civil Engineers-Federal Emergency Management Agency World Trade Center study, Corley's skills transcended engineering.



Gene Corley (right) probes debris at site of World Trade Center after terror attacks in 2001. Structural engineer led numerous probes of major building failures in a 50-year career.

"He understood how to deal with an event important on many levels, including politically," says William Baker, a structural engineer partner at Skidmore, Owings & Merrill and a study team member. "He was good at keeping things moving in the right direction."

Corley earned a B.S. in civil engineering in 1958 and a Ph.D. in structural engineering in 1961, both from the University of Illinois, Urbana-Champaign. Among his many honors, he was named to the National Academy of Engineering in 2000 and was cited by ASCE for lifetime achievement in design in 2006.

SEAOSC Calendar



APRIL

3	11:30am	LA Membership Lunch Mtg.	The Palm Restaurant, LA
3	1:30pm	Board of Directors Meeting	The Palm Restaurant, LA
5		May Newsletter Deadline	
7	1:00pm	Membership Appreciation Social Event	Santa Anita Race Track, Santa Anita
9	12:00 pm	Webinar	
17	5:30pm	Orange County Dinner Mtg	Costa Mesa Country Club, Costa Mesa
30	5:00pm	Excellence in Engineering Posterboard Deadline	Drop-off in Arcadia

MAY

1	3:30pm	Board of Directors Meeting	Luminarias Restaurant, Monterey Park
1	5:30pm	LA Dinner Meeting	Luminarias Restaurant, Monterey Park
10		June Newsletter Deadline	
17-18	1:00pm	Spring Education Programs	Grand Event Center, Long Beach
31		Excellence in Engineering Award Recipients Notified	Email

JUNE

5	3:30pm	Board of Directors Meeting	Luminarias Restaurant, Monterey Park
5	5:30pm	LA Dinner Meeting- Past President's Awards Night	Luminarias Restaurant, Monterey Park
30		2012-2013 Membership year ends	

Mark your calendar now or save this page. Don't miss your favorites!
Topics and dates subject to change — for the latest seminar details and registration go to www.seaosc.org

SEAOSC ANNUAL EVENTS

Feb. 6:	Student Awards Night Night
Apr. 30:	Deadline to Submit Excellence in Structural Engineering Posterboards
June 6:	Excellence in Structural Engineering Awards Dinner & Past Presidents' Night
August 26:	Field Day
Sept. 18-21:	SEAOC Convention, San Diego
October:	Buildings At Risk Summit
Oct. 17:	Great CA Shakeout Event

Information regarding these events can be found on the SEAOSC website: (www.SEAOSC.org)

Seminar Registration How-To

Please go to www.seaosc.org for secure online registrations or use the enclosed registration flyers. Be sure to remember to log in to the website as a member to take advantage of SEAOSC's member benefit of member pricing. It is advised to register early to ensure a seat. Please note that confirmations will only be given to those people who register via the SEAOSC Website.



Next SEAOSC
 Newsletter Deadline:
 April 5
 for the May Newsletter



Email: lmma@aol.com

Lawrence Mackel

Member since 1958, employed at Mackel Associates

Favorite Movie: Some old pictures like “The Best Years of Our Lives” and “It’s a Wonderful Life” are still fun to watch.

Proudest Accomplishment: I worked hard to become a licensed architect. Many people doubted that an engineer could become an architect, but I won.

Childhood Ambition: My father was a graduate of the University of Michigan, in Architectural Engineering and was very good at designing buildings. When I watched him work it seemed as if he was solving a puzzle and he was having fun, so I decided to become an engineer.

Biggest Challenge: My biggest challenge was the same as anyone who has an office: hire people, get jobs, do jobs, collect money, and pay bills. Sometimes it was fun and sometimes it wasn’t.

First Job: My first job was with the Corps of Engineers, inspecting airport construction work on Santa Maria Island in the Azores.

Best Job: After that my only A&E job has been with the firm my father started in 1938. I went to work for him in 1958 and took over in 1968. I ran the firm until 2000. He started to work in

Los Angeles in 1927 in various offices and organizations. He went through the end of the 1920’s building boom, the beginning of registration for civil and structural engineers, the Depression, the Long Beach earthquake, WW2, and many cycles of ups and owns. started most of the architects and engineers in town knew each other. Before there was a registration process, there was a group of architects and engineers who were recognized by building officials for their competence and they got most of the important jobs. They were called the dirty dozen by those not in the group. Many of the dirty dozen helped start the SEAOSC.

Why Join SEAOSC: My father said that by following him into the engineering profession I would not get rich but I would meet nice people. SEAOSC is a place to meet nice people who are trying to make a good living doing something they like. When you have a business or technical problem there is probably someone in SEAOSC who has an answer, and contact with that person is important.

Next Steps: The complexity of the design and approval process and the speed of the changes to the process can be overwhelming. I don’t know whether it would be fun for me anymore but I hope that younger members find it so.



WELCOME, New Members!

Affiliate

Bernd Wiegandt, HB Solar Engineering, San Pedro, CA
Bernie@hbssc.us

Associate- AS1

Pranav Bhakta, Parsons, Pasadena, CA
pranaero85@yahoo.co.in
Michael Crago, Jacobs, San Diego, CA macrago@me.com
Daniel Bosse, Anderson Design Group, Covina, CA
dwbosse@gmail.com
Hilarion Marapao, Englekirk Structural Engineers, Los Angeles, CA ryon.marapao@englekirk.com
Taylor Funk, Structural Focus, Gardena, CA
tfunk@structuralfocus.com

Associate- AS2

Jinkyung Kim, Lord Ficks Zayed Associates, Torrance, CA
jinkkim@gmail.com

Industry

Dave Truax, USP, Escondido, CA dtruax@mii.com
Bobby Madrid, Simpson Strong-Tie, Riverside, CA
bmadrid@strongtie.com

Member

David Naish, Cal State Fullerton, Fullerton, CA
dnaish@fullerton.edu
Frank Atwood, Jax Kneppers Assoc. Inc, Tustin, CA
frank@jaxkneppers.com

Member SE

Steven Ball, John A Martin, Los Angeles, CA
sball@johnmartin.com
Jonathan Chikhale, MMC Associates, Santa Monica, CA
jonathan@mmcae.com

2013 SEAOSC Golf Tournament Friendly Hills Country Club

By: Kevin O'Connell, Event Chair

There are some big changes coming to the annual SEAOSC Golf Tournament this year. After many successful years at Coyote Hills Golf Course, the tournament committee has decided it is time to take on the challenges of new bunkers. We are also moving the tournament to a Monday, so the tournament will be Monday, August 26th.

This year, the tournament will be held at Friendly Hills Country Club in Whittier, California. Friendly Hills Country Club is a private country club, so this will be an excellent opportunity to play a course that you would not normally have access to play. It has been open since 1967 and also hosts qualifying tournament and championship events for the Southern California Golf Association (SCGA).

SEAOSC will present more information on registration and sponsorships soon, but be sure to save the date, August 26, 2013. See you on the course!

Monday, August 26, 2013



Find more course information at
<http://www.friendlyhillsc.com>.



Friendly Hills Country Club

2013 **SEAOSC** Excellence in Structural Engineering Awards ENTRY FORM NOW AVAILABLE*

The Structural Engineers Association of **Southern California** announces that the DEADLINE for the submission of entries for the 2013 EISE Awards is **5 pm, April 30, 2013**.

Entries are to be clearly labeled and delivered to SEAOSC President Joe Labrie's office:

MakeltRight, Inc.
55 E. Huntington Dr., Ste 277
Arcadia, CA 91006
Phone: (626) 445-0366

All members are encouraged to enter one or more of their outstanding and award-worthy projects. This is an excellent opportunity for outstanding work to be recognized, and member participation is encouraged.

The annual SEAOSC Excellence in Structural Engineering Awards program is dedicated to publicly acknowledging outstanding achievements in creative design, technical innovation, best practices and demonstrated contributions to both the public and the structural engineering profession. The awards program honors the on-going commitment to advancing the art and science of structural engineering for both the built environment and public safety.

Award recipients will be individually notified by email no later than May 31, 2013. The awards will be presented June 5, 2013 at the Annual SEAOSC Awards Dinner at Luminarias Restaurant in Monterey Park. Good luck!

***See Entry Form included in this newsletter.**

SEAOSC Judges Engineering Awards for **SEA-MW**

The Structural Engineers Association of Southern California was proud to judge the Structural Engineers Association of Metropolitan Washington, D.C. 2013 Excellence in Structural Engineering Awards in November 2012. Kevin O'Connell, S.E. (Structural Focus) was the chair of the judging panel and responsible for gathering the other judges which included Dr. James Anderson (University of Southern California), Richard Baptie (Hathaway Dinwiddie), David Cocke, S.E. (Structural Focus), and Janah Risha, S.E. (Risha Engineering).

Judging materials were shipped across the county and included a written narrative of each project, photographs of each project, and up to 20 sheets of construction documents for each project.

A total of 22 projects were submitted in three different categories with sub-categories by project construction cost. Categories included New Construction (<\$10M, \$10M to \$50M, >\$50M), Renovation (<\$10M, \$10M to \$25M, >\$25M), and Transportation and Bridges. An "Outstanding Award" winner and "Merit Award" winner were given in each of the seven sub-categories.

Judging took place in person at Structural Focus' offices in November 2012. The SEAMW 2013 EISE Awards Gala took place in February 2013 at the Ronald Reagan Building in Washington D.C. Photographs of the event and the winners can be seen at the [SEAMW website](#).



KCE Structural Engineers Received Merit Award for New Buildings under \$10M at the SEAMW Excellence in Engineering Awards, judged by SEAOSC in November 2012.



SEAOC

Structural Engineers Association of California

Excellence in Structural Engineering Awards

Now Accepting Entries for 2013

January 15, 2013 - The Structural Engineers Association of California (SEAOC) proudly announces the Excellence in Structural Engineering Awards program for 2013.

All SEAOC Members and Member SE's are cordially invited to participate and are encouraged to submit their best work that demonstrates outstanding achievement and excellence in structural engineering practice and project work.

The 2013 Awards will be presented at the Awards Ceremony during the [SEAOC Annual Convention](#) to be held at the Hilton San Diego Resort & Spa - September 18-21, 2013. Additionally, the Awards will be published in the SEAOC Newsletter and Website and made available to local media, professional journals and press releases through SEAOC's Communications Committee. [Learn more >](#)

The deadline for Entry submission is **Friday, June 28th, 2013 at 5pm** to the SEAOC office.

SEAOC
2013 Convention
San Diego

HOME EXHIBITOR INFO & REGISTRATION SPONSORSHIP INFO CONVENTION COMMITTEE

Save the Date!
September 18-21, 2013



Structural Engineers Association of Southern California

Los Angeles Lunch Meeting

Wednesday, April 3, 2013

Program: SEAOSC Annual State of the Practice Forum: "Observations by the Building Officials"

Abstract: Come listen to and participate in a panel discussion with five southern California building officials. Topics will range from industry trends to current challenges facing building officials and structural engineers, as well as what can be done to improve the plan check process, implementation of the 2013 California Building Code and many other topics. This is a discussion that is not to be missed.

Panelists: **Bret Beekman**, SE, District Structural Engineer, Office of Statewide Health Planning & Development (OSHPD),

Doug Humphrey, Regional Manager, Division of the State Architect (DSA),

Ifa Kashefi, Engineering Bureau Chief, PhD, SE, Los Angeles Department of Building and Safety (LADBS);

Henry Huang, PE, CBO, Building Official, City of Tustin;

Truong Huynh, PE, CBO, Acting Superintendent of Building and Safety, Long Beach Development Services

Moderator: Kevin O'Connell, SE, Structural Focus

Location: The Palm Restaurant, 1105 South Flower Street, Los Angeles, CA 90015

Networking Time: 11:30am

Lunch & Program: 12:00-1:30pm

Cost: \$45; Students: \$25

Reservations: Make advance reservation before Friday, March 29 via SEAOSC.org, fax or email.

SEAOSC is charged for "no-shows" so please notify office if you must cancel. "Walk-ins" welcome.

Please provide advance notice if you prefer a vegetarian entree.

LOS ANGELES LUNCH RESERVATION FORM: April 3, 2013

Reservations Due Before: March 29, 2013

Name: _____ Phone: _____

Number of Attendees: ____ @ \$45 = \$ _____

Number of Students: ____ @ \$25 = \$ _____

TOTAL = \$ _____

Your email: _____

Credit Card Number: _____ Expiration: _____

Signature: _____ 3 digits on back of card: _____

Billing Address: _____ Zip Code: _____



Structural Engineers Association
of Southern California

Membership Appreciation Day at the Races

Sunday, April 7, 2013

Dear Members: It is a rare opportunity when we, as SEAOSC Members, are presented with a social event to meet each other's families in a fun and different way. As an Association, it is altogether good that we reflect on the good men and women that make up our membership and offer an expression of gratitude and appreciation to each of them.

Consequently, the SEAOSC Board of Directors invites all of us and our families to share a day at the races together. Whether you like to bet on the ponies, eat lunch in the midfield with good friends, or spend the day with your kids in the park, this event is sure to be a 'blast'. I hope you will be able to join us for this day in the sun.

Thanks! Joe La Brie, SE, SEAOSC President 2012/2013

Location: Santa Anita Racetrack, 285 W. Huntington Dr., Arcadia, CA 91066
Best parking at Gate 6, Find SEAOSC's private area in West Infield Area P5.
Download BBQ menu, parking and infield maps at www.seaosc.org.

Time: Grounds open 10:30-5:00 pm, BBQ Buffet Lunch 12:00-2:00pm.
Races begin at 12:30 and run every 30 min.

Admission: Includes BBQ buffet lunch, racing guide. Each SEAOSC Member will receive \$30 CASH rebate at registration as our THANKS to you!
Adults (18+) \$30 includes parking voucher, Teens (13-17) \$25, Kids (4-12) \$15
Cash bar will be located within our private area.

Registration Deadline Friday, April 5: Pre-registration REQUIRED, Walk-ins or payment at the door will not be accepted. Please return form with check or credit card payment via email: seaosc@seaosc.org, fax: 562-692-3425, or mail: 1105 S. Euclid St. #D409, Fullerton, CA 92832.
Cancellations received before March 28 will be refunded in full; After March 28 will be refunded 50%. Sorry, no refunds after event date. Please make checks payable to "SEAOSC". Visa, MasterCard, American Express, Discover accepted.

DAY AT THE RACES RESERVATION FORM: Apr. 7, 2013

REGISTER IN 3 EASY STEPS

- 1. FILL OUT AUTOMATED FORM
- 2. PRINT, OR PRINT AS A PDF
- 3. EMAIL TO SEAOSC@SEAOSC.ORG

Adults: 0 @ \$30 = \$ 0

Teens: 0 @ \$25 = \$ 0

Kids: 0 @ \$15 = \$ 0

TOTAL = \$ 0

SEAOSC Member Name(s): _____

Guest Name(s): _____

Phone: _____ Email: _____

A LEGIBLE Email address must be provided to receive the parking voucher.

Card number: _____ Expiration date: _____

Signature: _____ Zip Code: _____

Address where you receive your credit card bill: _____

Structural Engineers Association of Southern California



Orange County Dinner Meeting

Wednesday, April 17, 2013

Program: “ASCE 7-10 and Beyond -- What to Expect”

Abstract: This newly revised standard offers a complete update and reorganization of the wind load provisions, expanding them from one chapter into six. It also updates the seismic, snow load, live load, and atmospheric icing provisions. Mr. Hamburger will give an overview of significant changes from the previous edition and discuss the direction of future editions.

Speaker: Ronald Hamburger, SE, SECB

Ron Hamburger is a Senior Principal at Simpson Gumpertz & Heger Inc. in San Francisco, a past President of SEAONC, SEAOC and NCSEA. A past member of the SEAOC Seismology and Existing Buildings Committees, past chair of the BSSC Provisions Update Committee, and current chair of the ASCE-7 Main Committee he has been a leader in the development of building codes and standards for more than twenty years. Mr. Hamburger will provide a brief highlights of ASCE 7-10, which will be adopted by the 2013 California Building Code, and a look-ahead to ASCE 7-16, presently in development.



Location: Costa Mesa Country Club, 1701 Golf Course Dr, Costa Mesa, CA

Networking Time: 5:30pm

Dinner: 6:30pm

Program: 7:30-8:30pm

Please provide advance notice if you prefer a vegetarian entree.

Cost: \$35; Students: \$15

Reservations: Make advance reservation before Friday, April 12 via SEAOSC.org, fax or email. SEAOSC is charged for “no-shows” so please notify office if you must cancel. “Walk-ins” welcome.

ORANGE COUNTY DINNER RESERVATION FORM: April 17, 2013

Reservations Due Before: April 12, 2013

Name: _____ Phone: _____

Number of Attendees: ___ @ \$35 = \$ _____

Number of Students: ___ @ \$15 = \$ _____

TOTAL = \$ _____

Your email: _____

Credit Card Number: _____ Expiration: _____

Signature: _____ 3 digits on back of card: _____

Billing Address: _____ Zip Code: _____

WEBINAR



**James Day,
SE, SECB**

Chief Structural Engineer, Distribution Structural Engineering

Engineering and Technical Services, Southern California Edison

17 years Structural design experience in light to heavy construction at Bechtel, Fluor, Austin Company, Structural Mechanics Associates, KMN Engineering and Victor Gruen Associates

15 years Structural Design and Advanced Material Applications experience at Boeing and McDonnell Douglas Space Systems.

15 years (concurrent with above) LA County Fire Urban Search & Rescue, Task Force 2, Structural Specialist

Structural Engineers Association of Southern California *Seismic Risks of Electrical Power Delivery Systems and Related Seismic Risk Mitigation Measures*

Date: April 9, 2013

Time: Noon-1:00 pm

Price: SEAOSC Members: \$75, Nonmembers: \$150, Member of any national SEA: \$100

Abstract: Electrical Power Delivery systems are basically composed of Transmission, Substation and Distribution systems. The Transmission system delivers the bulk power long distances to Substations. The Substations condition the bulk power and deliver it to the Distribution system. The Distribution system then delivers power to the end users. For certain Utilities, the Distribution systems are spread over very large areas. In one case, it exceeds approximately 50,000 square miles.

This presentation will discuss the resulting seismic vulnerabilities of major structural components of the aforementioned items, new designs for improved seismic resistance and the need for establishing explicit seismic design requirements and/or return to service requirements for the electrical power lifeline. Without explicit requirements, restoration of service times will likely be significantly longer than that currently assumed.

Additionally, planning for post seismic event recovery will likely be confused, inadequate and put at risk essential facilities that must remain functional post-event. Items such as minimizing conflagration risks by ensuring proper anchorage of overhead transformers to providing sufficient fuel supplies for emergency power backup generators for 'essential facilities' will be discussed among other topics.

To Register: (Registration available online only)

1. SEAOSC Members: **LOG IN** with your username & password to access the member discount.
2. Everyone: Click on tab "**Store/Webinars**"
3. Click on "**SEAOSC Webinars**" in left column
4. Locate the item under "**Featured Presentations**" and click "**Add to Cart**".

Notes will be emailed to the address provided 1-2 days before the webinar.



STRUCTURAL ENGINEERS ASSOCIATION OF SOUTHERN CALIFORNIA (SEAOSC)

2013 EXCELLENCE IN STRUCTURAL ENGINEERING AWARDS

CALL FOR ENTRIES

The Structural Engineers Association of Southern California (SEAOSC) is the Southern California professional organization for Structural Engineers. Each year, through SEAOSC's Excellence in Structural Engineering Awards program, recognition is given to SEAOSC Members and Member SE's that have demonstrated outstanding achievement and excellence in structural engineering practice and project work. The awarded projects and their recipients serve as models of excellence in structural engineering representing California Structural Engineers. The SEAOSC 2012 Awards will be presented at an awards ceremony and dinner at Luminarias Restaurant in Monterey Park, CA on June 5, 2013

PURPOSE

The purpose of the SEAOSC Excellence in Structural Engineering Awards program is to publicly acknowledge outstanding achievement in creative design, technical innovation, best practices and demonstrated contributions to the public and/or profession. Additionally, it is the intent of the SEAOSC Awards program to educate the public as to the contributions of Structural Engineers to the built environment and public safety. Founded in 1929, SEAOSC is committed to advancing the art and science of structural engineering.

OVERVIEW

The enclosed packet of information contains SEAOSC 2013 Awards program judging criteria, award categories, rules for eligibility, entry instructions, forms and the deadline for submission. Entrants are eligible for awards in eight categories as listed below. The awards will be judged by a distinguished panel of professional jurors. The SEAOSC Awards will be published in the SEAOSC Newsletter and Website, and will be made available to local media, and professional journals through the Executive Director.

AWARD CATEGORIES

Awards will be judged both on the technical aspects of the project and on the presentation of display boards. An Award of Excellence and up to two Awards of Merit may be awarded in each award category. The Jury may consider additional awards in each category for both small and large projects so that projects of all scales may be properly recognized for their excellence. Awards may or may not be given in each category listed below. Projects may be entered in **ONE** category only.

1. **Study/Research/Guidelines:** Outstanding efforts in analysis, engineering calculations, or evaluation for preparation of a study, a research project or preparation of guidelines. This category is intended to encompass projects or efforts that are not intended to be a constructed project.
2. **Special-Use Structures:** Excellence in engineering design or analysis, design, and/or construction of a special-use project. Examples include non-building structures, such as a temporary movie set, an artificial rock climbing wall and sculptural work of art.

SEAOSC 2013 EXCELLENCE IN STRUCTURAL ENGINEERING AWARDS

3. **Infrastructure:** Excellence in the structural engineering analysis, design, and/or construction of an infrastructure project, including but not limited to, bridges, tunnels, transportation facilities and dams.
4. **Historic Preservation:** Excellence in achieving creative, innovative, and precedent-setting approaches to structural engineering required for the preservation and rehabilitation of an historic structure. Entrants in this category are encouraged to convey their approach to structural design within the context of the Secretary of the Interior's Standards for the Treatment of Historic Properties.
5. **Retrofit/Alteration:** Excellence in the use of conventional and/or innovative technology in the evaluation, and/or design of a seismic retrofit project or alteration of an existing structure. Includes seismic strengthening, additions, tenant improvements and other structural building alterations.
6. **New Construction:** Excellence in the use of conventional and/or innovative technology in the design of a new construction project.
7. **Sustainable Design:** Excellence in use of structural design, materials and concepts that demonstrate innovation, integration, and achievement of significant sustainable design goals. This may include a successful application of strategies for use of environmentally sustainable "green" materials, adaptive reuse of existing structures, performance based seismic design methods for disaster resilience, structural optimization (efficiency), deconstructability or life-cycle assessment to achieve sustainable built environments.
8. **Landmark Structures:** Excellence in structural engineering analysis, design or construction of a significant project achieving "Landmark Structure" status.

Projects will only be judged in the category in which it was entered. However, the jury may elect to move a project into a different category.

Award entries shall be submitted by a designated award Entrant who represents the project, either as the Engineer of Record, a Responsible Engineer or Principal Investigator. A Responsible Engineer may be the Bridging Documents Engineer for a project that utilizes a design-build delivery method, or the Engineer of a specific component of a project but not the Engineer of Record of the overall project. For projects that utilize an alternative project delivery method, such as a design-build delivery, the Entrant shall clearly state their project role in the Project Summary document, as the level of involvement of the Bridging Documents Engineer and Design-Build Engineer of Record can vary significantly from project-to-project. The Bridging Documents Engineer and/or the Design-Build Engineer of Record may submit for an award. It is acceptable and encouraged, when both engineers contributed significantly to the project, for the Bridging Documents Engineer and Design-Build Engineer of Record to submit jointly for an award.

JUDGING CRITERIA

Entries will be judged on demonstrated excellence and achievement in structural engineering including the following criteria:

- Design Creativity
- Technical Innovation
- System Efficiency and Economy
- Constructability
- Complexity of Problems Solved
- Design Integration
- Quality of Execution
- Significant Contribution to the Public and Profession

JURY

The selection of award recipients will be made by a distinguished panel of jurors. The jury panel members shall be determined by SEAOSC's Board of Directors.

RULES OF ELIGIBILITY

1. Projects may be of any size, type, or location.
2. The project entry must have been constructed or completed between December 31, 2009 and January 1, 2013.
3. At least one member of the design team, research team, or a principal of the firm responsible for the entry, shall be a SEAOSC Member or Member SE in good standing.
4. Entrants may submit more than one project.

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5. Projects may be entered in **ONE** category only.
6. Projects previously submitted are eligible for submission except prior SEAOSC project award recipients are not eligible.
7. Each entry submission is required to include written permission of the project Engineer-of-Record, Responsible Engineer or Principal Investigator with the submission materials before entry will be considered by the Awards Jury.
8. Entries will not be automatically submitted to the statewide SEAOC Awards program by the SEAOSC Award program. The entrant and submitting firm is solely responsible to enter the project in the statewide SEAOC Awards program.
9. The entrant is solely responsible for any matters regarding project confidentiality agreements related to the project.
10. Projects that do not meet eligibility requirements will not be considered for judging.

ENTRY INSTRUCTIONS

All entries must include the following:

1. Each entry must be accompanied by a completed Entry Form along with a \$100 Entry Fee. Please make checks payable to SEAOSC. Use the enclosed Entry Checklist to ensure your entry is complete.
2. All entry materials are to be submitted accompanied by the enclosed Signature Form which requires the signature and consent of the Engineer-of-Record, Responsible Engineer or Principal Investigator.
3. Submit a Display Board of foam-core base, 30" tall x 40" wide with drawings, graphics, text and photographs as appropriate to summarize and illustrate significant aspects of the project. See the Display Board Guidelines below for more detailed information.
4. Submit no more than a two-page Project Summary (12 pt. font; 8-1/2" x 11" format) with each entry describing the project highlighting the significant aspects of the project as it relates to the entry category and judging criteria. Include the approximate total construction cost of the project. The Entrant shall include the names and describe the roles of the key individuals or firms other than the Entrant that the Entrant wishes to share the credit for the work that is being submitted. Provide a hardcopy and a Microsoft Word file of the document.
5. Submit a 200 to 300 word well-written Project Abstract describing the project in very general "non-technical" terms suitable to be used in the Awards Ceremony and other publications if the project receives an award. Note, the abstract should not be self-promotional in its tone but rather descriptive of the merits of the project.
6. A CD (PC compatible format) containing the following. A Project Summary and Project Abstract in MS Word format, and, the Display Board in Adobe PDF format. Include a separate MS PowerPoint format file containing summary slide images with caption descriptions (6 min; 12 max). Please do not include in the PowerPoint slides any animations, special transitions or other features. Include in separate file if necessary. The PowerPoint slides will be made available for Awards presentation. Include one high-resolution JPEG or TIFF file format digital photo of the finished project to be used in publications if the project is selected for an award. For publication purposes, the high-resolution image should be provided with photographer photo credits, as required.
7. With the exception of the Display Board, do not submit original materials. Submitted materials will not be returned except the Display Board which will be made available for pickup immediately following the Awards Ceremony.
8. All entries shall become the sole property of SEAOSC. SEAOSC reserves the right to use or publish some or the entire entry material in publications. By entering, the entrant grants a royalty-free license to SEAOSC to use any copyrighted material submitted. Such right includes publication of photographs and names of award recipients without compensation to entrants.

DISPLAY BOARD GUIDELINES

The following guidelines have been prepared to assist you in the preparation of your Display Board.

1. Construct board from 1/4" foam-core (or similar) of dimensions 30" x 40". Organize the board so the information reads horizontally, landscape style – 30" tall x 40" wide.
2. At a minimum, include all of the following information on the front of the display board:
 - a. Name of Project;
 - b. Include the names of the Structural Engineer, Architect, Contractor and Owner/Client. Include additional names receiving recognition as may be appropriate;
 - c. Wording along the bottom of the board: "SEAOSC 2013 Excellence in Structural Engineering Awards". Note, boards previously submitted in the same year to regional Awards programs are acceptable without revision of this wording.

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- d. The quality of the presentation should be of the highest standards. Color is optional but recommended. The board layout must be two-dimensional, with no “pop-outs”, three-dimensional elements, or electronic construction. Use only one side and do not extend any portion of the design or display beyond the 30” x 40” board. Please do not frame or set in glass or plastic.
3. To view images of submitted display boards of previously awarded SEAOC Award recipients, visit the SEAOC website at: <http://www.SEAOC.org/awards.html>

DEADLINE FOR ENTRIES

Entries with all supporting materials, forms and fees must be received by 5 p.m. on Tuesday April 30, 2013 at the SEAOSC office below. NO EXCEPTIONS! Entry forms are included in this packet of information. Entry information packet and forms may also be downloaded from the SEAOSC website (www.SEAOSC.org). All entry materials should be clearly labeled as “Submission for SEAOSC 2013 Excellence in Structural Engineering Awards” and delivered to the following address:

SEAOSC 2013 Excellence in Structural Engineering Awards
MakeItRight, Inc.
Attn: Joe LaBrie
55 E. Huntington Dr., Ste. 277
Arcadia, CA 91006
Phone: (626) 445-0366

Questions may be directed to the SEAOSC office: Phone (562) 908-6131; Fax (562) 692-3425;
E-Mail: seaosc@seaosc.org

Award recipients will be individually notified by email no later than May 31, 2013. The SEAOSC 2013 Awards will be presented at an Awards Ceremony during the SEAOSC June 5th dinner meeting. All boards are to be picked up at the conclusion of the Awards Ceremony at Luminarias Restaurant, 3500 Ramona Blvd., Monterey Park, CA. For further information, please contact the SEAOSC office by e-mail.

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ENTRY FORM – *one entry per form*

(SEAOSC Use Only) Project # _____

Name of Project

Project Address

City

State

Zip Code

Project Completion Date: _____

Check _____ if Student Entry

Project Construction Cost: _____

AWARD CATEGORY: (Select only **ONE**)

- 1. Study/Research/Guidelines
- 2. Special-Use Structures
- 3. Infrastructure
- 4. Historic Preservation
- 5. Retrofit/Alteration
- 6. New Construction
- 7. Sustainable Design
- 8. Landmark Structures

*Please make sure contact information for all participants is complete. Type or print legibly. This information will be used for publicity purposes. **List all names as you would like them to appear.** Digital versions of this form must be in Microsoft Word or Excel document file. **Winning entries will be recognized by a plaque in the name of the firm that entered the project.***

Entrant – Name, Title & E-mail Address

Firm Name

Street

City

Zip

Phone Number

Email Address

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Engineer-of-Record, Responsible Engineer or Principal Investigator – Name, Title & E-mail Address

Firm Name

Street City Zip Phone Number

Owner / Client / Sponsor – Name, Title & E-mail Address

Firm Name

Street City Zip Phone Number

Architect – Name, Title & E-mail Address

Firm Name

Street City Zip Phone Number

General Contractor – Name, Title & E-mail Address

Firm Name

Street City Zip Phone Number

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SIGNATURE FORM – one entry per form

(SEAOSC Use Only) Project # _____

Name of Project

Project Address

City

State

Zip Code

Project Completion Date: _____

Check _____ if Student Entry

Project Construction Cost: _____

AWARD CATEGORY: (Select only **ONE**)

- ____ 1. Study/Research/Guidelines
- ____ 2. Special-Use Structures
- ____ 3. Infrastructure
- ____ 4. Historic Preservation
- ____ 5. Retrofit/Alteration
- ____ 6. New Construction
- ____ 7. Sustainable Design
- ____ 8. Landmark Structures

NOTE: *The following signatures are mandatory – signed letters of authorization may be attached. Digital versions of this form must be in Microsoft Word or Excel document file.*

Entrant's Signature

Date

Engineer of Record, Responsible Engineer or Principal Investigator Signature

Date

SEAOSC 2013 EXCELLENCE IN STRUCTURAL ENGINEERING AWARDS



ENTRANT'S CHECKLIST

Please use this form to ensure your entry is complete.

Name of Project

Project Address

City

State

Zip Code

- Entry Form Enclosed Including \$100 Entry Fee**
- Signature Form Enclosed**
- Category # Specified in Entry Form and Signature Form**
- 30" x 40" Display Board**
- Hardcopy of Two-page Project Summary in MS Word format**
- Hardcopy of 200-word Project Abstract in MS Word format**
- Display Board in Adobe PDF format**
- 6 to 12 slide in MS PowerPoint format**
- One High-Resolution JPEG or TIFF format photo of the finished project**
- A CD (PC compatible format) containing electronic media**



CONFERENCE ANNOUNCEMENT

ADVANCES IN STRUCTURAL DESIGN FOR SEISMIC REGIONS

Space is limited. Early registration is highly recommended.

**FRIDAY, MAY 3, 2013
8:00AM TO 5:30 PM**

**FIFTH FLOOR CONFERENCE FACILITIES
FEDERAL RESERVE BANK OF LOS ANGELES
950 SO. GRAND AVENUE AT OLYMPIC BLVD.
LOS ANGELES, CALIFORNIA 90015**
Convenient economical pay parking is available south of the building on Olympic Boulevard

The 2013 LATBSDC conference will cover a variety of topics related to recent advances in structural design of tall and special buildings. Distinguished speakers will present topics ranging from the new earthquake ground motions for design to showcasing new tall building projects under development for Los Angeles; new techniques for design of tall buildings; foundation design for tall buildings; new code provisions, and building on or near faults. In addition an update will be provided on LATBSDC efforts to develop reliability based alternative procedure for seismic retrofit of tall buildings.

The tentative program includes: Update on new NGA West II Project (Yousef Bozorgnia); Shear Reliability Design of Special Structural Walls (John Wallace); Large-Scale Testing of SRC Coupling Beams (Chris Motter), Buildings and Permanent Ground Displacements (Craig Comartin), Efficient Performance-Based Design using Parallel Computing (Carlos Ventura and Armin Bebamzadeh); Seismic Performance of Shear Wall Buildings (Ken Elwood); Nonlinear Response History Analysis for the Design of New Tall Buildings (Curt Haselton); Existing Tall Buildings-Structural Reliability Update (Gary Hart); Concrete Mat Foundations (Ron Klemencic); Performance-Based Retrofit of a 13-story Building (David Mar); LA New Tall Buildings and the Peer Review Process (Jim DesRoches, Colin Kumabe and Farzad Naeim)

It is possible to register at the door, but late registrants may not receive a copy of the Proceedings at the conference; late registrants may receive a copy of the proceedings mailed to them after the Conference. Please pay by check in U.S. currency; the Council is unable to accept credit cards or purchase orders for payment. Company checks for multiple registrations must include the name of each person being registered.

Make checks payable to:
Los Angeles Tall Buildings Structural Design Council
c/o John A. Martin & Associates, Inc.
950 S. Grand Avenue, 4th Floor
Los Angeles, California 90015
Tel.: (213) 483-6490; Fax: (213) 483-3084

Internet Address: <http://www.tallbuildings.org>
E-mail Address: phedges@johnmartin.com

REGISTRATION FORM

ADVANCES IN STRUCTURAL DESIGN FOR SEISMIC REGIONS - MAY 3, 2013

Name _____

Affiliation _____

Address _____

City, State, Zip _____

Phone _____ Fax _____ E-mail _____

Early-Bird Registration Fee (if received by April 19, 2013)..... \$250
Registration Fee (if received after April 19, 2013)..... \$300
Students (space is limited to 30 student participants)..... \$ 40



Place your Job Ad Here!

1/4 page ad

1 month

\$100

Easy!

2012-2013 SEAOSC Officers

Get involved! Members and interested parties are invited to join a SEAOSC committee.
Contact the chairperson for information on current projects and meeting times, dates and locations.

SEAOSC Officers & Board Members

	Name	Phone	Email
President	Joe LaBrie ²	626-445-0366	labrie@makeitright.net
President-Elect	Doug Thompson ^{1,2}	949-599-0320	dougt@stbse.com
Treasurer	Kevin O'Connell ²	310-323-9924	oconnell@structuralfocus.com
Immediate Past President	Janah Risha	818-729-9777	jrisha@risha.com
Directors	Casey Hemmatyar	888-889-5643	casey@psfeg.com
	Larry Kaprielian	949-462-3200	lkaprielian@knaconsulting.com
(¹ Delegate to SEAOC)	Tim Kaucher	714-738-2151	tkaucher@strongtie.com
(² Member of Exec. Cmte.)	Matthew Skokan	626-324-2616	mskokan@saifulbouquet.com
	Francisco Garcia	323-717-1303	fgarcia@fjengineering.com
	Ifa Kashefi	213-482-0440	ifa.kashefi@lacity.org
	Diana Nishi	323-733-6673	diana.nishi@englekirk.com
	Daniel Traub	310-254-1900	dtraub@walterpmoore.com
SEAOSC Executive Director	Lynn Hanger	562-908-6131	seaosc@seaosc.org

