



Committees Actively Planning for the Coming Year: Join In!

The newly revised SEAOSC Committees are ramping up for the coming year. Each committee has an assigned Board Contact who will facilitate the search for a committee Chair and work with that Chair to fulfill the committee's assigned tasks per the Realignment Plan. Contact information for the committee Board Contact and Chair can be found on the last page of each newsletter issue. Here's a brief update for the active committees:

Education- planning the year's dinner meetings, seminars and webinars. If you have a suggestion for a speaker or topic, please email Board Contact Michelle Kam-Biron.

Membership- new members can expect to receive a welcome call from this committee under the leadership of Board Contact Kelsey Parolini. The committee is also planning the December 4th Holiday Party to be held at the Jonathan Club. Save the date!

Technology- development continues on a redesigned SEAOSC website with improved graphics, layout and sponsorship

banner ads. Social media focus continues to grow, gaining more followers and posters!
Image & PR- Board Contact Ken O'Dell has been busy promoting the Buildings At Risk Summit to various government officials and media outlets. The committee's goal is to elevate the structural engineering profession.
Seismology/Research- Committee Chair Bahram Zarin-afzar led SEAOSC's sponsorship and support for the NEES Soft-Story shake table test at UCSD. Check out the photos in September's newsletter! The next committee meeting will be on-site at the SEAOC Convention in San Diego.

Younger Members- as colleges and universities return from summer break, the YM committee is planning various social networking events, campus outreach programs and more. Contact Francisco Garcia and Preston Nirattisai, Board Contact and Chair for more information.

Contact the SEAOSC office to join a committee or be added to one or more committee email announcement lists.

President's Message

By Doug Thompson, S.E.



Nice Start!

The first dinner meeting for our fiscal year was held on September 4th at Luminarias Restaurant and was a resounding success. Ron Hamburger presented the upcoming changes to the ASCE 7-10 and what is coming in the future for the next ASCE7 document. It was the first time that our dinner meeting in Los Angeles had an attendance of more than 100 in several years. Thank you Ron for the informative presentation and making this happen!

Annual Convention

It is the boards hope that you will be joining us at the annual SEAOC Con-

vention at the Hilton San Diego Resort & Spa. If you haven't attended one of our annual conventions before, I am sure you will be quite surprised at all there is to do, see and participate in. These are not just technical seminars, but the days and evenings evening are filled with activities, including your companion and family. The board hopes to see you down in San Diego.

Buildings-At-Risk

This year's third annual Buildings-At-Risk summit has been expanded to being hosted by both SEAONC and SEAOSC. On October 8th the event will be at the same location as last year, the Westin Bonaventure Hotel in downtown Los Angeles and on October 15th the event

UPCOMING EVENTS

(See inside newsletter for reservation forms and details.)

Los Angeles Dinner Meeting

Wednesday, October 2, 2013

History & Significance of Coring Masonry Walls

Speaker: John Chrysler, P.E.

Location: Luminarias Restaurant, 3500 W. Ramona Blvd, Monterey Park, CA

Networking: 5:30 pm

Dinner & Program: 6:30-8:30 pm

Cost: \$35; Students: \$25; Table: \$245; Walkins: \$45



Buildings At Risk Summit

Tuesday, October 8, 2013

Location: Westin Bonaventure Hotel, 404 S. Figueroa St., Los Angeles

Registration & Breakfast: 7:00 am

Program with Lunch: 8:30 am-5:00 pm

Reception & Exhibits: 5:00-6:00 pm

View more information on Pg. 16

Los Angeles Dinner Meeting

Wednesday, November 6, 2013

DSA/OSHPD-2013 CBC

Speaker: Ron LaPlante

Location: Luminarias Restaurant, 3500 W. Ramona Blvd, Monterey Park, CA

Networking: 5:30 pm

Dinner & Program: 6:30-8:30 pm

Cost: \$35; Students: \$25; Table: \$245; Walkins: \$45

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President's Message (continued)

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will be at the Delancey Street Foundation in downtown San Francisco. The seismic safety summit is a "precursor" to the Great California Shakeout. The sessions have a stellar cast of speakers and panelists that will stress the benefits of seismic mitigation, address the problems through case studies; to addressing the political and economic road blocks to seismic mitigation. It is important for us as structural engineers to not only know how to retrofit older buildings with risk, but knowing the obstacles from the other side of the table will help us the next time we confront these issues with seismic retrofits. Please save the date-October 8. For registrations and more information visit http://www.seaosc.org/events_bar.cfm

Seismic/Structural Design Manuals

For the last 16 months SEAOC and the authors of the manuals have been working on and have just completed the latest and greatest edition of the well known design manuals. The design manuals have been completely re-written and expanded for the 2012 IBC and ASCE 7-10. Instead of 3 manuals there is now going to be 5 manuals: Volume 1: Code Application Examples, Volume 2: Examples for Light-Frame, Tilt-Up, and Masonry Buildings, Volume 3: Examples for Reinforced Concrete Buildings, Volume 4: Examples for Steel-Framed Buildings, and Volume 5: Examples for Seismically Isolated Buildings and Buildings with Supplemental Damping. With the changing of California's code to the 2013 CBC starting on January 1 of next year, the timing of the release of these manuals couldn't be at a better time. SEAOC is offering a special discount if you buy the full package of the 5 design manuals. Starting next month SEAOC will be starting Webinars for you to quickly know what is new and different in the design manuals with a seminar series starting early next year.

Membership Renewals

The SEAOSC board of directors values your membership to SEAOSC. We recognize your life in the office and home is busy and getting busier. We at the board what to make sure that you appreciate the value of your membership with SEAOSC. For those that have just renewed your membership for the year, thank you! If for some reason you have not renewed, the board would like to talk with you about the value and what the association can do for you.

Younger Members

If you haven't been at one of our dinner meetings or educa-

tion events lately, I think you will be surprised. SEAOSC has a very enthusiastic and fired up younger members group that are participating in and attending our events in numbers that we have not seen before (see below for more about younger members). If you are a younger member and would like to get involved in this active group contact Preston Nirattisai, his contact info can be found at the last page of the newsletter.

Red Cross Disaster Preparedness Academy

As part of SEAOSC's mission to educate the public about structural engineering and our association, SEAOSC's immediate past president Joe LaBrie collaborated with the American Red Cross to have speakers from SEAOSC present at their annual Disaster Preparedness Academy that will be held on October 30th at the Anaheim Convention Center. This collaboration with the American Red Cross at their event goes a long way in cementing a relationship with them. Special thanks go to Joe LaBrie and the SEAOSC Younger Engineers group that have organized this and will be presenting at the Building Assessment track during the event.

To all of you, thank you for being a part of this association.

Doug Thompson



*2013-2014 Membership Dues
are now past due! Renew before
Sept. 30*

SEAOSC Calendar



OCTOBER

2	3:00 pm	Board of Directors Meeting	Luminarias Restr., Monterey Park
2	5:30 pm	L.A. Dinner Meeting	Luminarias Restr., Monterey Park
4		Newsletter Deadline	November Issue
8	9-5:00 pm	Buildings At Risk Summit	Bonaventure Hotel, Los Angeles
15	9-5:00 pm	Buildings At Risk Summit	Delancy Foundation, San Francisco

NOVEMBER

6	3:00 pm	Board of Directors Meeting	Luminarias Restr., Monterey Park
6	5:30 pm	L.A. Dinner Meeting	Luminarias Restr., Monterey Park
8		Newsletter Deadline	December Issue

DECEMBER

TBD		Board of Directors Meeting	
4		Holiday Party Social	The Jonathan Club, Los Angeles
6		Newsletter Deadline	January 2014 Issue

*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*

NEWSLETTER SUBMISSIONS

Did you know SEAOSC accepts articles, advertisements and items of interest from members, firms and the public to include in the monthly issues of SEAOSC News?

Submit your item to Lynn Hanger, SEAOSC Executive Director by email, seaosc@seaosc.org, by each monthly deadline to be included in the next issue.

Additional information is linked to www.seaosc.org under “Announcements” at the bottom of the homepage. Click on “Advertising Info 2013” for complete rates, policies and deadlines.

You can also follow us on:



SEAOSC ANNUAL EVENTS: 2013

Feb. 6:	Student Awards Night Night
Apr. 30.:	Deadline to Submit Excellence in Structural Engineering Posterboards
June 5:	Excellence in Structural Engineering Awards Dinner & Past Presidents' Night
Aug. 26:	Golf Tournament, Whittier
Sept. 18-21:	SEAOC Convention, San Diego
October 8:	Buildings At Risk Summit, Bonaventure Hotel, Los Angeles
October 15:	Buildings At Risk Summit, Delancy Foundation, San Francisco
Oct. 17:	Great CA Shakeout Event

Information regarding these events can be found on the SEAOSC website.

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:
October 4
for the November Newsletter

In Memorium John M. Steinbrugge Member 1953-2001

Excerpt from Obits.dignitymemorial.com. John was a founding partner of STB Structural Engineers in Newport Beach, CA and actively involved with SEAOSC during the 1950-1960s.



Upon graduating from Oregon State in 1948, he moved to Southern California to pursue his desire to design buildings for earthquakes. John had discovered that he excelled in the most difficult courses so for a profession he chose earthquake design in California. One of his employments was the State of California, Schoolhouse Section. During his eight years with the State he published 8 technical papers on structural aspects of construction; the one that established his reputation is titled "Comparative Roof Diaphragms" and was published in 1956. This paper resulted in John's appointment as the acting research director for the evaluation of all new structural materials for the State of California for the years 1956 to 1962. This appointment resulted in his selection to the Structural Engineers Association committee on the new seismic code for California which then was adopted by all of our country as well as most of the countries of the world! Needless to say it was the most significant new seismic code that has been developed. He was honored by being the youngest member of the committee.

One of John's assignments at the state was to supervise the hundreds of inspectors who inspected California's public schools. He was an inspector of inspectors and found there was no program in place for training inspectors so he wrote a syllabus with pictures of how things should be built; on wood, concrete, foundations, etc. He gave classes in various locations and it proved to be so effective that it was used throughout Southern California. It is still in use to this date.

Then in 1962, John opened his own consulting firm in Newport Beach, California, STB Structural Engineers, Inc., as founding partner. Notable structures that he worked on included the Palm Springs Tramway, the glass enclosure of the Crystal Cathedral in Garden Grove, Seattle Space Needle, the thirty million dollar research center for Union Oil in Brea, California and many of the high rise office buildings in Southern California.

Private services were held in Portland, Oregon in July 2013. Read the full obituary:
<http://obits.dignitymemorial.com/dignity-memorial/obituary.aspx?n=John-Steinbrugge&lc=2433&pid=166037565&mid=5609292>

I will sincerely miss John. He gave me my first job (1981-1990) and set the standard that I was meant to live up to. He was and is my role model on running a business and interacting with clients. I owe a lot of my current success to John.

*~ John Lawson, San Luis Obispo, California
SEAOSC member since 1990*

Tri-County Area Survey Results

Thanks to those who participated!



Volunteers Needed

Thank you to those who responded to the Tri-County area membership survey during the month of August. We received some very thoughtful and informative comments that will help us in scheduling events and dinner meetings for the upcoming year. Based on your feedback, we are currently working on a dinner meeting schedule for Fall/Winter with new venue locations throughout the tri-county region, so please stay tuned for a dinner meeting near you. Should you have any further thoughts to share, please feel free to contact us at seaosc@seaosc.org with your ideas.

--Kelsey Parolini, Membership Committee

SEAOSC Member Designs New Report Writing App: "Rapport" Will Reset Your Thinking

Designed by Joe LaBrie, S.E.

CEO, MakeItRight and Dynamic Certification Laboratory (Shake Table), SEAOSC Past President, 2012-2013

Released for iPhone and Android Sept. 7, 2013

This is the only smart phone app of its kind. It will supercharge your productivity by eliminating the distracting and mundane clerical work of report writing. The default version is free and designed for low volume report writers. Get a fresh competitive edge. Check it out at rapportapp.com.

Rapport allows a user to take photos and voice record conditions with a phone as they walk through either a single building, a campus of multiple buildings, or even a broader area of interest. The App is optimized to use voice recognition for report entry.

The user can have a completed, formatted, and distributed report (with fully annotated photos) in real time as he/she leaves the site...without typing or keying in a single word.



Rapport Version 1.0

An Enterprise App that streamlines the process of field inspection, observation, assessment and data collection reports for:

- Construction Projects
- Real Estate Assessment
- Post Disaster Management
- Manufactured Product Evaluations

Rapport solves the following industry problems:

- ✓ Remove barriers to properly document the conditions of a project or building.
- ✓ Improve communication among project team members.
- ✓ Satisfy regulatory conditions for Inspections and Observations.
- ✓ Increase the quality controls and quality assurance of a project.
- ✓ Streamline accountability among all project stakeholders.
- ✓ Mobilize teams to gather vital perishable post disaster data.
- ✓ Document post event conditions quickly and accurately.
- ✓ Record product quality testing.

View SEAOSC Recorded Webinars

Did you know you can purchase previously recorded webinars online? SEAOSC has partnered with ICC to catalogue and store our past presentations. Visit ICC's website for on-demand access to past webinars through their Course Catalog: <http://campusonline.iccsafe.org/catalog.php?ctype=2>

Users will need to create a username/password with ICC

to purchase and view the webinar. ICC Member \$89, ICC Nonmember \$99.

Select from the drop-down box "Premiere Online Code Training", search on the keyword "SEAOSC". Six webinars will be listed. (The "Year" column is based on the code year, not year of presentation.)

Home > Course Catalog > Course Listing

Course Catalog

Course Selection Criteria:

Course Type:

Codes/Topic:

Year:

Search:

[Join ICC \(Dues & Applications\)](#)

Year	Code/Topic	Course	Subscription	Member Price	Full Price
2011		SEAOSC: CHRISTCHURCH EARTHQUAKE 2011 - ADMIN	99 days	\$89.00	\$99.00
2010		SEAOSC: CODE APPLICATION OF SLENDER WALLS - CBC	99 days	\$89.00	\$99.00
2010		SEAOSC: CODE CHANGES & MASONRY - CBC	99 days	\$89.00	\$99.00
2010		SEAOSC: OVERVIEW & APPLICATION 2010 - CBC	99 days	\$89.00	\$99.00
2010		SEAOSC: POST TENSION WEBINAR 2010 - CBC	99 days	\$89.00	\$99.00
2010		SEAOSC: SUSTAINABLE CASE STUDIES - CBC	99 days	\$89.00	\$99.00

WELCOME, New Members!

Associate- AS1

Wei Long, UCLA, Los Angeles, CA wlong301@gmail.com, UCLA

Preston Nirattisai, Oksn Associates, Tujunga, CA preston@safetyfactorzero.com, CSUN

Stephanie Camorlinga, Lewis Brisbois Breisgaard & Smith, Los Angeles, CA scamoringa.ce@gmail.com, UCLA

Tyler Holke, Dana Point, CA, holke.tyler@gmail.com, UCSD

Sandesh Aher, Saiful/Bouquet Structural Engineers, Pasadena, CA saher@saifulbouquet.com Stanford

Julio Andriano, Breen Engineering, Torrance, CA, julyandriano@sbcglobal.net USC

Associate- AS2

Weichun Chen, Panache Engineering, Arcadia, CA, wcfank87@gmail.com, UCLA

Associate- AS3

Kevin Ta, City of Long Beach, Long Beach, CA kevinta24@yahoo.com, CSULB

Jeffrey Lubberts, Brandow & Johnston, Los Angeles, CA jlubberts@bjsce.com, USC

Ross Klein, John Labib & Assoc, El Segundo, CA ross.h.klein@gmail.com, UCLA

Member SE

Jeremy Wale, J.S. Dyer & Assoc. Inc, Irvine, CA jerwale@gmail.com

Alan Dyck, Buro Happold, Culver City, CA alan.dyck@burohappold.com





Bob Lyons, S.E.

Member since 1997

Email: BLyons@Risha.com

Risha Engineering Group, Inc. is very pleased to announce that Mr. Bob Lyons, S.E., is joining the firm as Principal. Bob's experience spans many years and cuts across several project types from healthcare, education and earthquake engineering, to renovations and modernizations. Bob also brings in demonstrated professional expertise in alternative structural systems and construction materials.

"I am very excited to be part of the Risha Engineering team and look forward to practicing in a firm known for project diversity, high level of professionalism and for engineering excellence."

Walter H. Preston, S.E.

Member since 1948

Walter H. Preston is retiring after 50 years' involvement with SEAOSC. His career began as a Navy SeaBee landing in the 1944 Normandy Invasion during World War II. Eventually he returned to California and founded his own engineering firm, Walter H. Preston, Civil Engineer.

One of his most notable projects was a Southern California landmark- the TWA "Moonliner" Rocketship at the entrance to Disneyland's Tomorrowland.

An excerpt from a brief history of Tomorrowland:

"From opening day until September, 1967, the Moonliner rocket served as Tomorrowland's icon. Poised on its launch pad just outside the "Rocket to the Moon" attraction, the graceful and sleek lines of the spacecraft pointed directly to where mankind's future lay...space!"

The Moonliner rocket was designed by Imagineer John Hench with technical advice from pioneering rocket scientists Wernher Von Braun and Willy Ley. The actual structural engineering was done by Walter H. Preston, a friend of Mel Tilley who was Kaiser Aluminum's representative to Disneyland. The rocket was constructed with a steel frame but the outer skin was made from 3/16" aluminum (supplied by Kaiser Aluminum) and was a height of exactly 80'.

In September of 1967, there was a major re-design of Tomorrowland and while the attraction survived (but in a new location) the Moonliner rocket did not: it was completely destroyed on Sept. 13, 1967.

For almost 32 years, the Moonliner was gone from Tomorrowland's frequently changing skyline, but in 1998, after another re-working of Tomorrowland, a scaled-down version of the Moonliner was placed over Redd Rockett's Pizza Port. This new Moonliner rocket was constructed using the same drawings as the original and stands about 40' high- a fine reminder of a former Tomorrowland attraction and mankind's race to space."

Read more at <http://www.agidistrict.com/tomorrowland>

SEAOSC
Annual Golf Tournament
Friendly Hills Country Club
Whittier, CA
Monday, August 26, 2013



Thank You
Golf Tournament Committee

Kevin O'Connell, Chair
Russell Kehl
Craig Chamberlain
Young Member Volunteers



View more photos at
[Facebook.com/SEAOSC](https://www.facebook.com/SEAOSC)



(Continued on Page 9)

Thank You Sponsors!

Hole-in-One Sponsors



Dinner Sponsor



Lunch Sponsor



Beverage Sponsors



Tee Sponsors

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MHP Structural Engineers

Miyamoto International

Palos Verdes Engineering Corp.

Side Plate

Simpson Strong-Tie

Structural Focus



(Continued on Page 10)

Tournament Prize Winners

PRIZES ARE PRO SHOP GIFT CERTIFICATES. PRO SHOP IS OPEN NOW.

Men's Long Drive (\$25 pro shop gift certificate):

Distance _____ Winner CRAIG KISH

Women's Long Drive (\$25 pro shop gift certificate):

Distance _____ Winner TAYLOR FUNK

Closest to the Pin #8 (\$25 pro shop gift certificate):

Distance 3'6" Winner CHAD GAMELL

Closest to the Pin #13 (\$25 pro shop gift certificate):

Distance 4'0" Winner AARON GARNER

Most Honorable Team (2 sleeves of golf balls each):

Score 120 "Winner" PAUL ST PIERRE

KARO KMBIYVAN

STEPHANIE CAMORLINGA

ALBERT LOPEZ

2nd Place Team (\$35 pro shop gift certificate each):

Score 59 Winner JOHN WHITTAM

CHAD-OFF RON PAPP

BACK 9 JIMMY GUERRERO

JULIO ANDRINO

1st Place Team (\$50 pro shop gift certificate each):

Score 56 Winner JEFF CROSIER

ROGER EGGE

MICHAEL WOLFE

STEVEN SCARDINA

Dear Golf Committee,

Just wanted to take a second to thank each of you for putting on the best event we've had at least since we used to fill up and sell out Brookside.....when you all were in Jr. High. I thought the course was great and the move to Monday was fine.

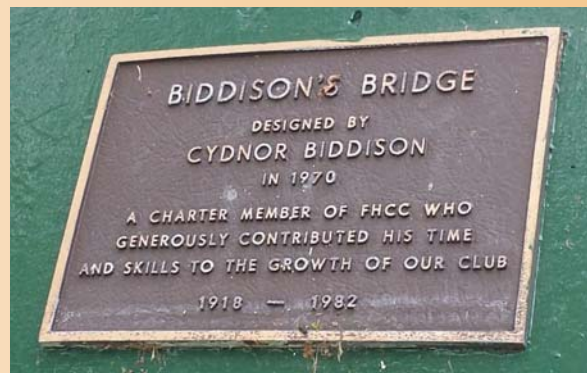
I thought is a great coincidence that we were all able to drive over the **Cyd Biddison** Bridge between holes 8 to 9. Cyd was from Hillman Biddison & Loevenguth, a firm I worked with for many years in Los Angeles. Cyd was SEAOSC President in 1964 and a Cal Tech graduate. I never met him, but everyone always spoke of him with the highest regards. Pam Phillips (daughter of **Dick Phillips**, SEAOSC President 1985-86) was serving us drinks the whole evening. It was nice to have her there and to speak with her as well.

I'm hoping that word will spread of the success and it can grow next year. Thanks again for all the hard work.

Sincerely,

Jeff Crosier, S.E.

SEAOSC Past President 2010-2011





Los Angeles Dinner Meeting

Wednesday, October 2, 2013

Program: “The History and Significance of Coring Masonry Walls”

Abstract: In 2011, the Masonry Institute of America and Concrete Masonry Association of California and Nevada conducted a test program to evaluate the significance of the masonry coring process and subsequent test results. This presentation will elaborate on the history of the coring process, outline test procedures and results and make recommendations for coring procedures.

Speaker: John Chrysler, P.E., The Masonry Institute



John Chrysler, P.E. is the Executive Director of the Masonry Institute of America and has been a member of the masonry industry since 1968 as a contractor, licensed Civil Engineer and Certified Structural Masonry Inspector. He is a well known author of “Reinforced Concrete Masonry Construction Inspector’s Handbook”. Chrysler is past-President of The Masonry Society. He also serves on the Masonry Standards Joint Committee (MSJC), which is responsible for the development and maintenance of provisions in the MSJC Code and Specification that serve as primary references for the International Building Code. He has served on the ICC/TMS Special Masonry Special Inspector’s Examination Committee since it began.

Location: Luminarias Restaurant, 3500 Ramona Blvd, Monterey Park, CA

Networking Time: 5:30pm **Dinner:** 6:30pm Chicken entree **Program:** 7:30-8:30pm

Cost: Online registrations before 10 pm Oct. 1: \$35; Students: \$25; **Walk-ins: \$45**

NEW! Reserve a Table: \$245 That’s 8 seats for the price of 7! Please provide name of primary attendee below; additional attendee names not required. Advance registration only.

Reservations: Make advance reservation before Tuesday, Oct 1 via SEAOSC.org, fax or email. **Please provide advance notice if you prefer a vegetarian entree.** Full refund for cancellations received prior to registration deadline; sorry, no refunds on or after the event date.

LOS ANGELES DINNER RESERVATION FORM: OCT 2, 2013

Reservations Due By: Oct. 1, 2013

Name: _____ Phone: _____

Your email: _____

Individual Attendees: ___ @ \$35 = \$_____

Number of Tables: ___ @ \$245 = \$_____ Number of Students: ___ @ 25 = \$_____

Table group or firm name(s): _____ TOTAL = \$_____

Credit Card Number: _____ Expiration: _____

Signature: _____ 3 digits on back of card: _____

Billing Address: _____ Zip Code: _____



LOS ANGELES - OCTOBER 8, 2013



SAN FRANCISCO - OCTOBER 15, 2013

October 8, 2013: Los Angeles

When the ground starts shaking during the next earthquake, will your building be resilient and safe, so you and your organization can bounce back?

Save the date to attend the 2013 Buildings at Risk Summit to learn how to best prepare your buildings to withstand and recover from California's next major earthquake.

You'll have two opportunities to attend this timely event, so plan to attend one (or both!):

Los Angeles
Tuesday, October 8, 2013
Westin Bonaventure Hotel

San Francisco
Tuesday, October 15, 2013
Delancey Street Foundation

Showcasing experts and policy-makers, the Summit will address building solutions as well as the "whole-community approach" implemented in cities across the state.

The Summit will provide insight for diverse stakeholders:

- building owners & managers
- public officials & policy-makers
- homeowners & business owners
- emergency managers & first responders
- real estate & insurance professionals
- anyone interested in community resilience

Sponsorship opportunities are available NOW! Join Simpson Strong-Tie Company, Inc., MiTek, and ICC Evaluation Services as sponsors by clicking the blue button at the right.

While registration is not yet available, you are encouraged to LEARN MORE about this event at www.seaosc.org

See you in San Francisco and/or Los Angeles in October!



Agenda
7:30am: Check-in, Breakfast, & Exhibits
8:00am: Welcome
8:30am: Panel 1: **The Single Building and the City: Why Every Building Counts.**
As our society becomes more interconnected, we also become more vulnerable to earthquakes. Understanding the role of the single structure in the context of the modern City system will lead to greater resilience, but also contribute to the sustainability and affordability of the City. And how that a single building is connected to the fabric of the City also plays a role in our ability to get back to normalcy after a likely large seismic event.
10:00am: Break & Exhibits
10:30am: Panel 2: **The Current Situation**
What buildings should be of concern and why? What is stopping these buildings from being addressed from political, social and economic perspectives? Examples from recent and actual events will help illustrate the reality of the interdependency of our society and the built environment.
12pm: Lunch Speaker
1:30pm: Panel 3: **Addressing the Problems**
What are successful ways to address the risk to the built environment from both a political and community perspective as well as from the individual owner perspective? This session will address ways to reduce losses and protect individual and institutional investment. Successful approaches to addressing the issue will be presented through case studies from across CA as well as through known best practices. Addressing all types of structures from single family homes to historic buildings to high-rises to industrial buildings. Additionally, reducing risk can be done in ways that doesn't always require large expenditures, so this panel will present various degrees of improving what we have for survival.
3:00pm: Break & Exhibits
3:30pm: Panel 4: **Partnership & Policy**
Only when the community comes together to identify and address a critical issue can action be taken across the board. Coalitions that represent diverse perspectives striving for a common interest can increase the resilience of our communities and built environment. Panelists will share strategies for engaging a cross section of the community and creating support to address buildings in California's communities, and more importantly, share ways to identify and secure funding to create a more resilient city.
4:30pm: Closing
5pm: Networking Reception & Exhibits



Summit Schedule viewable at www.seaosc.org



LOS ANGELES - OCTOBER 8, 2013



SAN FRANCISCO - OCTOBER 15, 2013

2013 Sponsorship Opportunities

When the ground starts moving again in California during the next earthquake, where you will be if you're not at home and what will you do? Many groups are effectively focusing on personal preparedness, and to complement those efforts, the structural engineering community is focusing on the building stock -- where California's economy lives and breathes -- from high rises to historic structures to schools and hospitals. The lifeblood of the economy requires special attention, and the one event each year that provides that laser-focus is the Buildings at Risk (BAR) Summit.

This year, the BAR Summit will take place in both Los Angeles (10/8) and San Francisco (10/15) to reach the greatest number of people with the power and influence to address our built environment. Attendees will include elected officials, building officials, architects, engineers, building owners, government, business representatives including the financial and insurance industries, and first responders.

Being at the forefront of this issue and supporting this issue with our state's civic and business leaders positions the Summit's sponsors for greater future success. The exposure on this timely and cross-cutting issue provides sponsors with a targeted visibility to leaders and practitioners alike. With over 500 combined attendees and anticipated media coverage, this event provides a unique opportunity to highlight your commitment to California's economy and well-being as well as your commitment to public safety.

If you are interested in being a sponsor at this event, please contact Victoria Wigle so we can provide the appropriate level of recognition for your commitment: vwigle@thorntontomasetti.com or 310-665-0010.

Title Sponsor (Limit 1): \$20,000 investment

- "Presented by" tagline in written materials and promotions
- Speaking opportunity to introduce keynote speaker
- Back page of program booklet
- Primary web advertisement
- Logo on Summit nametags
- Poster listing at registration
- Premium tabletop exhibit location at both events
- 3-minute video or slide show during lunch
- Recognition from the podium at breakfast & lunch
- 10 attendee registrations (at each venue)
- Exclusive "thank you" email to attendees following the event with links.
- Email leading up to the event to potential attendees noting sponsor with logos & links
- Opportunity to provide "give-away" to attendees

Platinum (Limit 3): \$15,000 investment

- Primary web advertisement
- Full page ad in program
- Poster listing in foyer
- Premium tabletop exhibit location at both events
- 3-minute video or slide show at breaks
- Logo projection throughout event
- Recognition from the podium at breakfast & lunch
- 5 attendee registrations at each venue
- Email leading up to the event to potential attendees noting sponsor with logos & links
- Opportunity to provide “give-away” to attendees

Gold (Limit 5): \$10,000 investment

- Web advertisement
- Half page ad in program
- Tabletop exhibit at both events
- Recognition from the podium at breakfast & lunch
- 3 attendee registrations at each venue
- Name in email blasts
- Opportunity to provide “give-away” to attendees

Silver (Limit 10): \$5000 investment

- Linked logo on website
- Tabletop exhibit at both events
- Logo in program
- 2 attendee registrations at each venue

Bronze: \$2000 investment

- Logo in program
- 1 attendee registration at each venue

Specialty Sponsors

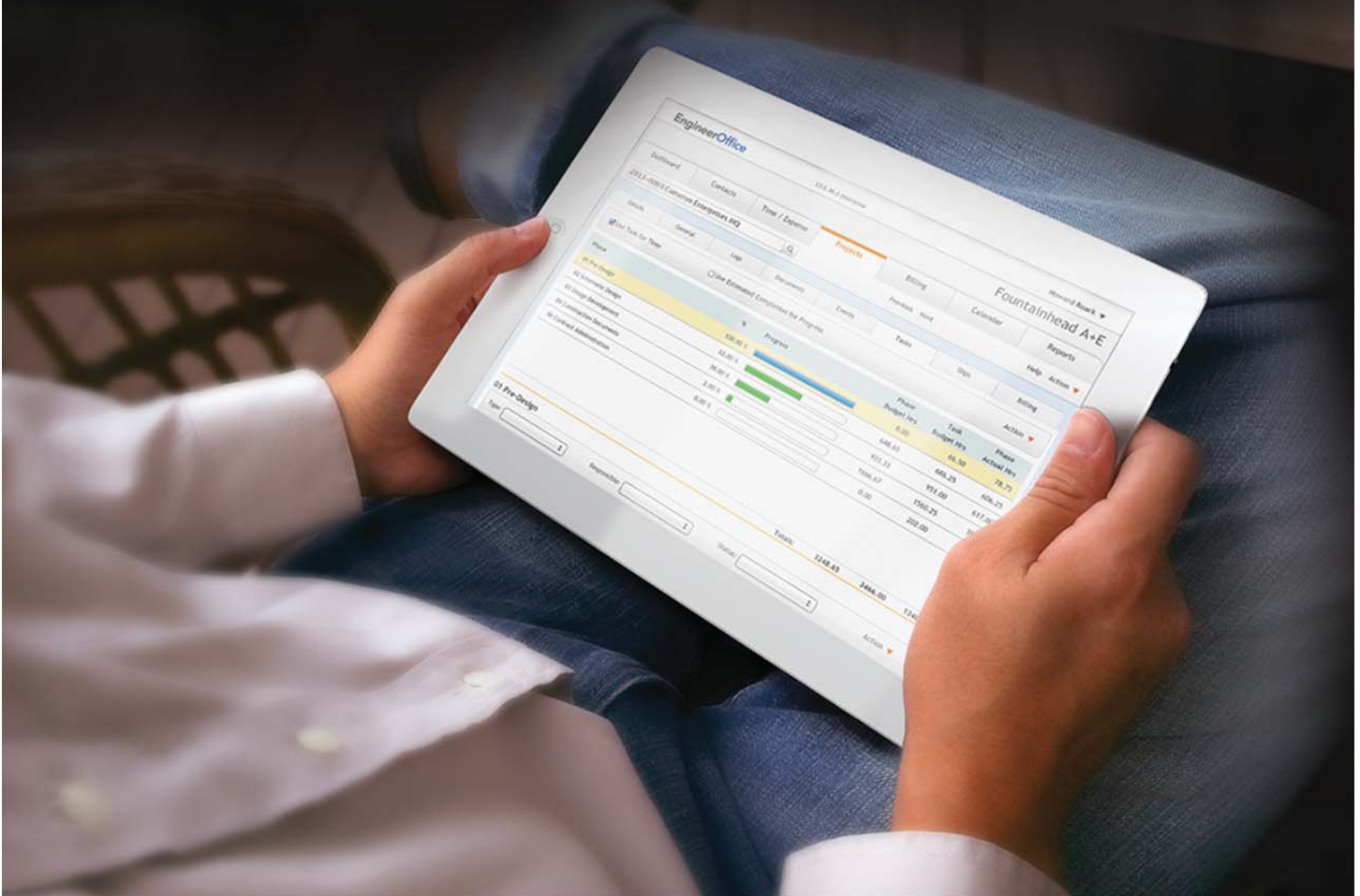
Lunch Sponsor in L.A. OR San Francisco (Limit 1 per venue): *\$6500 investment*

Networking Reception Sponsor in L.A. OR San Francisco (Limit 1 per venue): *\$5000 investment*

- Website recognition
- Opportunity to Speak
- Recognition in program
- Tabletop exhibit at both locations
- Signage at sponsored event
- 2 attendee registrations at each venue



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Disaster Preparedness Academy

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Save the Date: October 30, 2013

Anaheim Convention Center

What is your game plan?

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- Training is tailored to meet the needs of large and small business, school, university, government, nonprofit, faith-based and community members.
- 24 workshops: Earthquake, Active Shooter, Evacuation, Terrorism, Drills & Exercises and more.
- New training tracks: Building Assessment and Prevention.
- Exhibitors: Add resources and value to your day.
- Pre-Academy, October 29: Hands-on, skill-focused training.



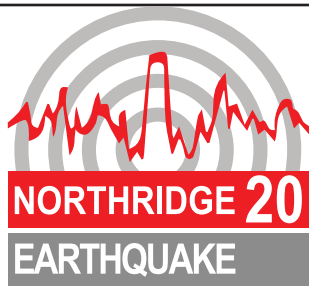
Registration begins August 2013

For more information: (714) 481-5341 | bonnie.colling@redcross.org | [#DPA13](http://redcross.org/oc)

Sponsored by:



Photo above: A Red Cross volunteer and homeowner examine the damage to her property after floods wiped out the back of her home.



Save the Dates! **Northridge 20** Symposium on January 16-17, 2014

January 17, 2014 is the twentieth anniversary of the 1994 Northridge earthquake (M= 6.69 ; Los Angeles, CA ; 4:31 A.M.)

Policy makers, government officials, engineers, earth scientists, emergency managers, risk modelers, and insurance professionals are invited to attend Northridge 20, a commemorative symposium to discuss the impacts of the earthquake, highlight accomplishments of the past two decades, and identify necessary steps forward to make our communities more resilient to future earthquakes.

Northridge 20 will open on Thursday, January 16, 2014 with a multidisciplinary plenary session, “Northridge Earthquake: Impacts, Outcomes, Next Steps,” and continue on Friday, January 17, 2014 with concurrent technical and educational sessions on a wide variety of related topics.

Participating organizations include:

- American Institute of Steel Construction (AISC)
- California Earthquake Authority (CEA)
- California Seismic Safety Commission (CSSC)
- Caltrans
- City of LA Department of Building and Safety
- Earthquake Engineering Research Institute (EERI)
- Federal Alliance for Safe Homes (FLASH)
- Federal Emergency Management Agency (FEMA)
- Los Angeles Tall Building Structural Design Council (LATBSDC)
- Pacific Earthquake Engineering Research Center (PEER)
- RenaissanceRe Risk Sciences Foundation
- Southern California Earthquake Center (SCEC)



Aerial view of Interstate 5 collapse at Gavin Canyon in Los Angeles County, January 1994.

- Structural Engineers Association of Southern California (SEAOSC)
- University of California, Los Angeles
- United States Geological Survey (USGS)

Please save the dates on your calendar now so that you can attend this important event!

Additional information, including registration details, speaker list, and the symposium agenda will be made available at www.northridge20.org in the coming months.

More organizations are welcome, so please visit the website to find out how to get involved.

For Immediate Release:
September 11, 2013
www.iccsafe.org

Contact: John Henry
888-ICC-SAFE (888-422-7233) ext. 7228
jhenry@iccsafe.org

ICC, SEAOC Release Structural/Seismic Design Manuals



The International Code Council (ICC) has partnered with the Structural Engineers Association of California (SEAOC) to publish a series of [Structural/Seismic Design Manuals](#) updated to the 2012 *International Building Code* (IBC) and referenced standards. The manuals provide a step-by-step approach to applying structural provisions and include practical examples covering major systems such as wood, masonry, concrete, and steel.

"The [Structural/Seismic Design Manuals](#) will help the practicing engineer to quickly understand the design provisions of the 2012 IBC and the corresponding material sections," said Jim Amundson, S.E., President of SEAOC. "With a variety of real world examples contained in each volume, the manuals will assist engineers in effectively applying the requirements of the 2012 IBC to their projects."

Now expanded to five volumes, the series includes:

- Volume 1: Code Application Examples
- Volume 2: Examples for Light-Frame, Tilt-Up, and Masonry Buildings
- Volume 3: Examples for Concrete Buildings
- Volume 4: Examples for Steel-Framed Buildings
- Volume 5: Examples for Seismically Isolated Buildings and Buildings with Supplemental Damping

"The new five-volume set represents an ambitious expansion in scope," said Rafael Sabelli, S.E., Director of Seismic Design at Walter P Moore and SEAOC Project Manager of the series. "The manuals will provide designers extremely valuable guidance and commentary on practical design issues and how they relate to seismic performance for a wide range of systems and materials, including aspects of design often not included in design examples: diaphragms, base anchorage, and foundations."

The SEAOC Structural/Seismic Design Manuals use the latest standards and the recommendations of the Structural Engineers Association of California. Examples range from the correct application of ASCE 7 requirements to design using isolation and damping technologies. The series offers top-to-bottom sets of examples, including diaphragms and base plates.

"The manuals provide practical knowledge engineers can apply to their projects every day," said Mark Johnson, ICC Executive Vice President and Director of Business Development. "Combining ICC's code background and SEAOC's structural expertise has resulted in a powerful set of manuals."

Each volume is an excellent reference and study guide for the NCEES Structural Exam. The manuals are invaluable resources for civil and structural engineers, architects, academics, and students. The manuals are available in a four- or five-part collection or each volume can be purchased individually in hard copy or PDF download directly from ICC. [An Early Bird discount is available through September 30.](#)

The [International Code Council](#) is a member-focused association. It is dedicated to developing model codes and standards used in the design, build and compliance process to construct safe, sustainable, affordable and resilient structures. Most U.S. communities and many global markets [choose the International Codes.](#)

###

Jacobs Associates' Pasadena office is looking for a Senior Structural Engineer with 10+ years of experience in structural engineering, with experience in the design of tunnels, trenchless pipeline installations, underground structures, excavation support systems, ground improvement, or tunnel rehabilitation methods.

Requirements

- BS degree in Civil Engineering with a structural emphasis.
- Registered Professional Engineer (P.E.) in California or the ability to obtain a California license within six months of employment is required.
- Excellent written and verbal communication skills.
- Strong analytical skills.
- Project management experience and demonstrated experience in leading staff.
- The ability to work on multiple projects with a variety of staff.
- Experience with creating and maintaining detailed technical reports.
- Ability to complete a variety of assignments, such as the development of drawings, specifications, and technical memoranda that present the basis of design.

Please visit www.jacobssf.com to apply.

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KNA Consulting Engineers has an immediate opening for engineers at all experience levels. Qualified applicants must have an ARCE or BSCE Degree (Structural) from an accredited University, proficiency in seismic design, working knowledge of Revit and be able to demonstrate good application of learned skills. Previous engineering intern experience is a plus.

KNA is located in Irvine, California and specializes in the structural design of educational, civic and healthcare facilities.

For additional information, please visit our website at www.KNAconsulting.com. Interested candidates are encouraged to contact us at careers@KNAconsulting.com. KNA offers competitive compensation along with a comprehensive benefit package.

KNA Consulting Engineers, Inc.
Tel: (949) 462-3200 Fax: (949) 462-3201
www.KNAconsulting.com

Find More Job Postings at
www.linkedin.com/SEAOSC



J.S. Dyer & Associates Inc., a very diverse structural engineering company, located in Irvine, California is seeking to fill a Project Engineer position.

Applicants should have between 3 and 10 years of structural engineering experience and a PE or SE license is preferred, but not required. Experience with structural steel and post tensioned concrete design is a plus as is familiarity with seismic evaluation, earthquake loss estimation, report writing, and seismic retrofit experience. Good communication skills are a must.

J.S. Dyer & Associates Inc. is an equal opportunity employer and offers a full array of benefits. Please forward your resume to Human Resources at amy.dyer@jsdyer.com for consideration.

SEAOSC NEWS: Advertising & Sponsorship Opportunities

SEAOSC publishes an electronic newsletter, SEAOSC News, which is posted online at www.seaosc.org in a color .pdf format. It is published monthly except for July/August, which is a combined issue. It is available on the public-facing section of the website, making the newsletter available to both SEAOSC members and non-members alike, thereby increasing its readership. We expect the number of people visiting the site to rise as non-members become aware of this new offering.

Members and those who have opted-in to our email notifications (approx. 2100 email addresses) receive 2-3 emails each month announcing the newsletter has been posted and highlighting content. The average open rate for these emails is 35%, higher than the average open rate of 20% among other associations.

SEAOSC is open to editorial ideas, article submissions, advertisements from the public. Please contact editor Lynn Hanger, Executive Director, at seaosc@seaosc.org, 562-908-6131 if you have questions or wish to submit content.

Display Ad Rates:

One time: ¼-Page: \$330 / ½-Page: \$550 Full Page: \$990

Six times per year in consecutive issues: (Discount is only given for 6-month advertisement.) ¼-Page: \$275/issue / ½-Page: \$495/issue / Full Page: \$880/issue

Dimensions:

¼-page: 3¼ inches (wide) by 4¼ inches (high)

½-page: 6¾ inches (wide) by 4¼ inches (high)

Full page: 7 inches (wide) by 9¼ inches (high)

Job Ads: ¼-page: 3¼ inches (wide) by 4¼ inches (high)

Persons seeking employment can post a brief job-wanted ad. Please submit a Word or .pdf document. Content may be edited as space allows. SEAOSC members: \$25; Non-members: \$50

Employers advertising an available position can post a brief text-only job posting for \$100, per month. No discounts for consecutive months. A Display Ad should be used if logos, graphics or other elements of design are preferred. Please submit a Word or .pdf document. Content may be edited as space allows.

Deadlines:

Deadlines are the first Friday following the first Wednesday of each month. Issues are usually posted mid-month.

Deadline	Issue Month	Approx. Posted Date
Dec. 7, 2012	Jan. 2013	Dec. 15, 2012
Jan. 11, 2012	Feb. 2013	Jan. 18, 2013
Feb. 8, 2013	Mar. 2013	Feb. 15, 2013
Mar. 8, 2013	Apr. 2013	Mar. 15, 2013
Apr. 5, 2013	May 2013	Apr. 15, 2013
May 10, 2013	Jun. 2013	May 17, 2013
Jun.7, 2013	Jul/Aug. 2013	Jun. 17, 2013
Aug. 9, 2013	Sept. 2013	Aug. 16, 2013
Sep. 6, 2013	Oct. 2013	Sept. 13, 2013
Oct. 4, 2013	Nov. 2013	Oct. 11, 2013
Nov. 8, 2013	Dec. 2013	Nov. 15, 2013

Sponsorships

SEAOSC has special opportunities for additional sponsorships, vendors, exhibitors, etc at additional seminars and programs throughout the year. Check the Calendar in this issue for up-to-date information and pricing.

Tabletop Displays:

Vendors are encouraged to purchase a tabletop exhibit at monthly dinner meetings, generally held the first Wednesday of each month except August. Cost of \$200 includes the admission of 1 person with the exhibit. Bring banners, give-aways, etc.



2013-2014 SEAOSC Officers & Committees

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	Doug Thompson ^{1,2}	949-599-0320	dougt@stbse.com
President-Elect	Kevin O'Connell ²	310-323-9924	oconnell@structuralfocus.com
Treasurer	Michelle Kam-Biron ²	805-410-2877	mkambiron@awc.org
Immediate Past President	Joe LaBrie ²	626-445-0366	labrie@makeitright.net
Directors	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
(¹ Delegate to SEAOC)	Ken O'Dell	562-985-3200	kodell@mhpsc.com
(² Member of Exec. Cmte.)	James Parker	949-930-2157	jcparker@sgh.com
	Kelsey Parolini	805-439-2110	kelsey@smithstructural.com
	Ryan Smith	949-305-7889	rsmith@sideplate.com
	Daniel Traub	310-254-1900	dtraub@walterpmoore.com
SEAOSC Executive Director	Lynn Hanger	562-908-6131	seaosc@seaosc.org

Committees

	*Board Contact Chair(s)	Phone	Email
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Younger Members	Francisco Garcia* Preston Nirattisai Tarik Saoud	323-717-1303 818-273-9980 310-309-7439	fgarcia@fjengineering.com preston@safetyfactorzero.com tarik.saoud@gmail.com
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Technology	Lynn Hanger* Casey Hemmatyar	562-908-6131 888-889-5643	seaosc@seaosc.org ckh@psfeg.com
Education	Michelle Kam-Biron* OPEN	805-410-2877	mkambiron@awc.org
Sub Cmte: Webinars	Francisco Garcia	323-717-1303	fgarcia@fjengineering.com
Professional Bus. Practices	Ryan Smith* OPEN	949-305-7889	rsmith@sideplate.com
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Sub Cmte: Steel Bldgs.	Ashi Dhalwala	310-828-1422	ceginfo@verizon.net
Existing Buildings	Kevin O'Connell* Ricardo Hernandez Methee Chiewanichakorn	310-323-9924 213-596-5000 213-596-5000	oconnell@structuralfocus.com rhernandez@degenkolb.com mchiewanichakorn@degenkolb.com
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