



SEAOSC Board Approves Nominations Committee to Recruit 2014-2015 Board Officers & Directors

The SEAOSC Nominating Committee, chaired by Senior Past President Janah Risha, has announced the following members of the Nominations Committee for the 2014-2015 SEAOSC Board of Directors in accordance with procedures outlined in the Bylaws Article VI, Section 1:

- Jeff Crosier
- Joe Labrie
- Kevin O'Connell
- Larry Kaprelian
- Mehran Pourzanjani
- Michael Cochran
- Janah Risha (Chair)

Officers for 2014-2015, according to succession procedure, will be Kevin O'Connell, S.E., President, and Michelle Kam-Biron, S.E., President-Elect.

Doug Thompson, S.E. will continue to serve on the board of directors as

the Immediate Past President. Also continuing on the board of directors will be Ryan Smith, P.E., James Parker, S.E., Kelsey Parolini, S.E., and Ken O'Dell, S.E.

Nominations for office of Treasurer and four Directors may be submitted by the membership to the Nominations Committee in accordance with procedures outlined in the SEAOSC Bylaws Article VI, Section 2.

Candidates will be announced to the membership and voting will begin in early May 2014 by email announcement and reply. Ballots must be received by 5 pm, Friday, May 30, 2014. The newly elected directors will take office July 1, 2014 for a two-year term.

The SEAOSC Bylaws are posted online at http://www.seaosc.org/about_bylaws.cfm

UPCOMING EVENTS

(See inside newsletter for reservation forms and details. View full calendar at www.seaosc.org)

Los Angeles Lunch Meeting Wednesday, April 2, 2014

State of the Practice- An Architect's Perspective

Location: USC Radisson, Los Angeles
Lunch Program: 11:30 - 1:30 pm
Cost: \$35; Students: \$25; Walkins: \$45; Parking: \$10

Webinar

Thursday, April 10, 2014

Topic: Considerations for Strengthening Existing Concrete Structures

Speaker: Tarek Alkhrdaji, PhD, PE
Time: Noon - 1:00 pm
Cost: Members: \$75, Nonmembers \$150, Member of any SEA: \$100

TriCounty Dinner Meeting

Tuesday, April 15, 2014

2012 IBC/ 2013 CBC Masonry Design Code Updates

Location: Mulligan's Cafe, 3500 McCaw Ave, Santa Barbara
Networking: 5:30 pm
Dinner & Program: 6:30-8:30 pm
Cost: \$35; Students: \$25;

Post-disaster Safety Assessment Program Training

Saturday, April 26, 2014

Location: Grand Event Ctr, Long Beach
Time: 8:30 - 3:30 pm
Dinner & Socializing: 7:00 -10:00 pm
Cost: Members: \$75, Nonmembers: \$135

President's Message

By Doug Thompson, S.E.

Panel Discussions with Architects - April Lunch Meeting

For our April meeting, it is my pleasure to say SEAOSC will be meeting at the USC Radisson again. It is an excellent venue to meet at. Come and hear our distinguished panel of four local architects. The theme for the panel discussion is "The State of Practice of the SE from the Architect's Perspective". This meeting is a must see and hear for those interested in the current state of the Structural Engineering in Southern California and learn how Architect's see our profession changing, including our strengths and weaknesses in the future as both or our professions continue to evolve. For more information, please see the flyer in this Newsletter.

BOPELSG Appointment to the Licensing Board

Karen Roberts SE, of San Diego, has been appointed to our licensing board by Governor Brown. Roberts has been a senior structural engineer at Division of the State Architect, San Diego. She replaced Carl Josephson SE, from Josephson Werdotz & Associates in San Diego and she is one of the 7 engineering practitioners of the 15 member board. We look forward to her representing structural engineers in California.



SEAOSC Meets again with Dr. Lucy Jones on Retrofitting Buildings

Last month, Michael Cochran (SEAOC President), Kevin O'Connell (SEAOSC President-Elect) in addition to myself, met with Dr. Lucy Jones at the Mayor's office

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President's Message

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at City Hall. Mayor Garcetti recently appointed Dr. Jones as the Mayor's Science Advisor for Seismic Safety to be the liaison between Mayor Garcetti and the public at large for working towards a goal in reducing the earthquake risk in wood framed soft-story structures and non-ductile concrete structures in addition to the ultimate vulnerability of the City as a whole. From that meeting, at the request of Dr. Jones, SEAOSC sent out survey questions to get the thoughts and suggestions of our membership related to retrofitting buildings in Southern California. SEAOSC met again in March with Dr. Jones to talk about the survey results, priorities and our changing codes as the next edition of the IBC will no longer have Chapter 34 for existing buildings.

This partnership comes at a critical time when the Mayor has plans to hire a Chief Resiliency Officer and LA City Council is also considering legislation for mandatory retrofitting of wood framed soft-story structures and non-ductile concrete structures. SEAOSC has offered full support in helping Dr. Jones and Mayor Garcetti obtain their objectives in making the City more resilient. Dr. Jones is working to have a report prepared to deliver to the mayor by the end of the year. We will keep you informed as this develops.

Winter Education Programs on Structural/Seismic Design Manuals

On March 21st and 22nd, at the Grand Event Center in Long Beach, SEAOSC will be hosting our Winter Education Programs with in-depth presentations of design examples. The SEAOC Webinars last fall were only overviews of the manuals and could not go into any detailed explanation of the examples. Our seminars will have the SSDM authors, who are experts on the subject matter they will be speaking on, present their design examples at a depth necessary to be familiar with the 2012 IBC provisions. Please see our flyer in this Newsletter for more information.

As a reminder, the SEAOSC Board of Directors works on behalf of our membership. If there are any general or specific issues or items you would like to see or have an answer to a question, please contact any of our board members.

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

Doug Thompson

Volunteer "Champion" FOUND for 2014 Buildings At Risk

By Joe LaBrie, Past SEAOSC President & Buildings At Risk Committee Leader



The Structural Engineers of Southern California (SEAOSC) has found a champion on behalf of the Association to provide oversight leadership to the annual "Buildings at Risk" (BAR) Summit coming this October.

Victoria Wigle of Thornton Tomasetti has graciously volunteered to chair the steering committee for this event. She actively participated in the House committee for the 2013 Buildings At Risk and is confident she can bring energy and passion to 2014's event.

The BAR Summit is a one day conference aimed to bring structural engineers and stakeholders outside the structural engineering profession together to consider risks, vulnerabilities, hazards, and mitigation strategies.

Over the last three years, thought-provoking information has been brought forth during this event and has resulted in action by policy makers at both end of the state.

If you are interested in participating on the steering committee to assist with sponsorships, planning, execution, marketing, or vendors, please contact Victoria directly as soon as possible.

Contact Victoria at vwigle@thorntontomasetti.com with questions or interest!

Now Open: 2014 Excellence In Structural Engineering Awards

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.



The rules and regulations for the annual awards program can be obtained by downloading the entry packet from www.seaosc.org. The entry packet is also included in this newsletter issue.

Entry date submission deadline: 5:00 pm, April 30, 2014 at STB Structural Engineers, Inc., Tustin

SEAOSC Calendar



MARCH 2014

21 & 22	Winter Education Programs	The Grand, Long Beach
29 11:00 am	Young Member Meeting	Miyamoto Int'l, Los Angeles

APRIL 2014

2 11:30 am	L.A. Lunch Meeting	USC Radisson, Los Angeles
2 2:00 pm	Board of Directors Meeting	USC Radisson, Los Angeles
4	Newsletter Deadline	May 2014 Issue
9 Noon	Image & PR Committee	GoToMeeting
10 Noon	Webinar	GoToWebinar
15 5:30 pm	Tri-County Dinner Meeting	Mulligans Cafe, Santa Barbara
26 8:30 am	Post-Disaster Safety Assessment Program Training	Grand Event Center, Long Beach
29 2:00 pm	Existing Buildings Committee	GoToMeeting
30 5:00 pm	Excellence Awards Deadline	Tustin

MAY 2014

1 Noon	Webinar	GoToWebinar
4 All Day	Membership Appreciation Event	Six Flags Magic Mountain
7 3:00 pm	Board of Directors Meeting	Luminarias, Monterey Park
7 5:30 pm	L.A. Dinner Meeting	Luminarias, Monterey Park
14 Noon	Image & PR Committee	GoToMeeting
16 & 17	Spring Education Programs	The Grand, Long Beach
30 5:00 pm	Board Nominations Voting	Email Ballot

JUNE 2014

4 3:00 pm	Board of Directors Meeting	Luminarias, Monterey Park
4 5:30 pm	L.A. Dinner Meeting- EISE Awards & Past Presidents' Night	Luminarias, Monterey Park
26 Noon	Webinar	GoToWebinar
30	SEAOSC Membership Year Ends, Time to renew your dues!	

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

SAVE THE DATE

SEAOSC is hosting the second annual **Spring Education Programs on Friday, May 16 & Saturday, May 17**. The popular format will include a half-day of educational sessions on Friday, with a happy hour reception and a full day of programming on Saturday.

This is the last of three opportunities to earn Professional Development Hour credits this year! Watch your emails and the May Newsletter for more information.

SEAOSC ANNUAL EVENTS: 2014

Feb. 5:	Student Awards Night Night
Mar. 21 & 22	Winter Educational Programs, Long Beach
Apr. 30	Deadline to Submit Excellence in Structural Engineering Posterboards
May 4	Membership Appreciation Social Event
May 16-17	Spring Educational Programs, Long Beach
June 4	Excellence in Structural Engineering Awards Dinner & Past Presidents' Night
August 25	Golf Tournament, Whittier
September	SEAOC Convention, Indian Wells, CA
October	Buildings At Risk Summit,
October	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:
April 4
for the May Newsletter



Thank You 2014 Sponsors!

SEAOSC announced NEW sponsorship packages in January for 2014-2015. Thank you to the following companies for their generous sponsorship. We look forward to working with you closely in the year to come.

ICC Evaluation Service

BillQuick

Simpson Strong-Tie

Side Plate Systems, Inc.

If you or your firm are interested in a sponsorship, please view the available packages and details from the homepage of www.seaosc.org or in the January 2014 Newsletter issue.

WELCOME, New Members!



Associate- AS1

Christian Hains, Claremont, CA cahains@gmail.com BSCE Cal Poly Pomona 1/12, MSCE SUNY Buffalo 2/14

Associate- AS2

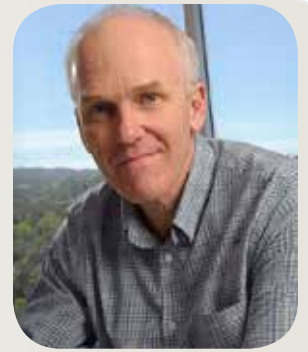
Jonathan Gonzales, ABS Consulting, Irvine, CA jongonzales99@yahoo.com CSUF MSCE 12/13
Vicki Lai, Englekirk Structural Engineers, Los Angeles, CA vicki.p.lai@gmail.com UCSD BS 2011, UCSD MS 2012

Associate- AS4

Alexander Quinonez, VCA Engineers, Inc, Los Angeles, CA aq.alex.quinonez@gmail.com Cal Poly Pomona BSCE 9/10, Cal State LA MSCE 6/14

Member

Benjamin Ness, Saiful Bouquet Structural Engineers, Pasadena, CA bness@saifulbouquet.com



Coffman Engineers Celebrates 35th Anniversary

Paul Van Benschoten, S.E.

Member since 1948

Email: pvb@coffman.com

LOS ANGELES (Feb. 18, 2014) – Coffman Engineers is proud to celebrate 35 years of providing clients with multidiscipline engineering services including civil, structural, industrial mechanical, process piping, commercial mechanical, electrical engineering and controls, lighting, project management, commissioning, and corrosion control engineering.

The firm's successful history is propelled by their guiding principles of lasting creativity, results, and relationships. Coffman Engineers offers our clients an unwavering commitment to excellence in our services through offices in: Anchorage, Alaska; Hagatna, Guam; Honolulu, Hawaii; San Francisco Bay Area and Los Angeles, California; and, Seattle and Spokane, Washington.

The company earned \$39 million revenue in 2013 and ranked as #262 on the Engineering News Record's most recent listing of Top 500 Design Firms.

Current SEAOSC Members at Coffman Engineers include [Paul Van Benschoten, S.E.](#) and [Edward Silver, S.E.](#)

For additional firm information, including the full press release, please visit www.coffman.com or follow us on Twitter [@CoffmanEngineer](#).

Favorite Movie: Shawshank Redemption or Dr. Strangelove (a tie)

Proudest Accomplishment: Being a husband and father.

Childhood Ambition: To become an architect.

Biggest Challenge: Parenting a teenage son.

First Job: Door to door sales for Fuller Brush Company at age 14.

Best Job: Working for Coffman Engineers.

Why Join SEAOSC: To improve my skills as a structural engineer and connect with my colleagues.

Next Steps: Continue to improve my structural design skills through continuing education and provide my clients with creative and elegant design solutions.



In Memorium

Hans Gregor Steinmann

June 8, 1925 - February 8, 2014

SEAOSC Member since 1956

President 1978-1979

Honorary Member bestowed 2000

As we move through this period of deep sadness, his wife, a large immediate and extended family and a number of loving friends and valued work colleagues deeply mourn the passing into eternal rest by Hans G. Steinmann while at home on February 8, 2014 after a lengthy illness. Throughout his suffering with cancer, Hans endured the illness with the quiet strength, personal perseverance and unfaltering love for his wife of 36 years, Hannelore.

Hans lived a very rich and fulfilling life with many personal and professional achievements that truly marked him as a leader of men and a very successful business in the field of structural engineering for more than 50 years, retiring as the President and principal owner of King, Benioff, Steinmann and King. Although he devoted considerable time and talent to the success of KBSK, Hans also exhibited highly successful leadership skills while participating in the family management of general operations and ski school manager for Holiday Hills resort in Wrightwood, California---where he met, courted and later married Hannelore. Hans' father established Holiday Hills in 1948 and in 1959 relinquished the resort management to his sons Heinz, Kurt and Hans. Although Heinz assumed full operational management in 1962, Hans continued management of the ski school for nearly 30 years until it was sold to a management group that renamed the resort property as Mountain High East. In his spare time he focused on golf, recording two lifetime holes-in-one that are documented by the World Golf Hall of Fame.

Hans began his professional development at an early age when he designed the family home in Switzerland at age 13. After reaching age 19, Hans helped his father build a five-story family residence. He then continued to mark

his achievements by graduating with a Master's Degree in Structural Engineering from the Swiss Federal Institute of Technology (ETH) in Zurich Switzerland in 1949 - one of Europe's most prestigious universities. Hans also continued educational endeavors through lifelong learning endeavors at UCLA and USC over a period of more than 40 years. Hans also dedicated himself to the continued professional development of his colleagues by his selfless service in organizations such as [The Structural Engineers Association of Southern California](#) (serving in a variety of leadership positions, including President in 1978-79); American Society of Civil Engineers; American Concrete Institute (President 1990-91); American Consulting Engineers Association; Coalition for Adequate School Housing, and California Association of School Business Officials. Hans was appointed and served with distinction as a member of the Los Angeles County Building and Safety Department Appeals Board beginning in 1985.

Although Hans has preceded us in death, all the members of his immediate, extended family and all of his close friends and respected colleagues will always continue to respect and appreciate Hans as a person and a consummate professional. We will share the fond memories---but we can also contemplate the inner strength of character, the appreciation of quality in all aspects of his life and the respect for quiet confidence. This we can do when we are able to see and appreciate his life work---both as a man of principal and ethics and his professional endeavors that will serve as a physical reminder of his professional achievements.

Obituary submitted by Kristen Kilanowski Steinmann, daughter-in-law

SEAOSC Committee Updates

Education

Goals: Our primary goals are to perform research assessments by asking questions directed to the SEAOSC member audiences about their long range professional topics, objectives and goals.

Our targets include practicing engineering offices to inform and to provide to management a wide spectrum of latest Structural Engineering accomplishments for vertical and lateral load requirements in the USA.

Our focus is not only directed to Civil and Structural engineers but also we would like to capture students in Middle and High schools to encourage and guide them to pursue the profession of Civil Engineering.

Are you interested in learning more about current and innovative structural engineering practices and becoming more involved in SEAOSC? One of the significant contributions to the engineering community that SEAOSC provides is the valuable educational resources on structural engineering topics that are topical and innovative. These resources are developed through the SEAOSC Education Committee (EC). EC has an opening for a volunteer Chairperson. EC Chair candidates should have leadership skills to oversee the current committee and be interest in current and innovative structural engineering.

For more information about the EC Chair or committee membership please contact: **Michelle Kam-Biron** at mkambiron@awc.org with questions or interest!

Sustainable Design

The SEAOSC Sustainable Design Committee (SDC) is looking for a new chair. Responsibilities include organizing committee meetings and projects. The SEAOSC SDC chair also serves on the SEAOC Sustainable Design Committee with representatives from SEAONC, SEA OCC, and SEA OSD. Candidates should have an interest in sustainable design and innovation; project experience is useful but not required.

Please contact:

Patti Harburg-Petrich, S.E., LEED AP BD+C
Pharburg-Petrich@walterpmoore.com

Code Committee

First, the ICC code development process is now on a three-year cycle. The revisions to the 2012 IBC, to be incorporated into the 2015 IBC, are done. The Group A cycle (which includes the IBC) was completed in 2012 while the Group B cycle (which includes the IRC) was completed in 2013. So now we are in a short dormant period until the next set of cycles gets going, which will be proposals to revise the 2015 codes to be incorporated in 2018. This should start taking place later this year, though I don't think ICC has come out with the schedule yet.

The last 6 months have been quiet. The last activity for SEAOSC was attending the state GETC meeting, chaired by Matt Mlakar, at the San Diego SEAOC convention in September, 2013. We reviewed public comments for the IRC proposals in preparation for Matt attending the Public Comment meeting in Atlantic City.

Future activities will include:

- * The Guidelines project, when that gets turned over to the SEAOSC committees.
- * The next Building Code cycle, probably getting active about September of this year.

Submitted by: Carl Sramek, sramekca@aol.com

Young Members

In the past 6 months, we've:

1. Made presentations about structural engineering and SEAOSC at various schools to promote and maintain our relationship with them
2. Held a social to promote networking between students and professionals
3. Held a discussion on how to further the goals of SEAOSC and YM
4. Planned and executed the Student Night

In the coming months, we will have:

1. A presentation by Miyamoto (see flyer in this issue)
2. A resume and mock interview workshop focusing on the structural discipline
3. A tentative presentation, though this might get pushed further into the year to avoid conflict/competition with the Membership Appreciation day
4. We're exploring a summer activity: a day at the beach or group volunteer service (say, Habitat for Humanity or Million Trees LA). Again, pending on the Membership Appreciation day.

Submitted by: Preston Nirattisai, pnrattisai@gmail.com

Committee Updates Continued

Disaster Emergency Services

Safety Assessment Evaluator Responses: None

Safety Assessment Evaluator Training Program: Trained and registered 40 evaluators at the June, 2013 program. Next training program scheduled for April 26, 2014- See flyer included in this issue.

Funding from FEMA for printing new workbooks, for trainer travel expenses will expire June 2014.

Business Occupancy Resumption Program (BORP): The Building Occupancy Resumption Program developed by SEAONC is a program where business owners register a team of engineers with the City Building Official to expedite the process for returning businesses back to service. David Cocke and Sam Mengelkoch have informally piloted this program in several cities in the southern California area. Goal: To pilot a BORP program with City of Los Angeles Department of Building and Safety.

Earthquake Country Alliance Speakers Bureau (ECA Speakers Bureau): Actively participated in Speakers Bureau programs and encourage any member of SEAOSC to attend. Regardless of speaking skill level you are sure to learn something new to help you communicate your message.

Encourage participation from the Image and Public Relations Committee. ECASB also serves as a medium to mentor Young Members who may be presenting at the upcoming Red Cross Disaster Academy. Goal: To develop a common message for all audiences to common structural engineering related questions from the public.

Submitted by: Doug Litchfield,
dlitchfield@mwdh2o.com

Existing Buildings

Tasks that are in progress and completed for the last 6 months:

1. Letter to the City of Los Angeles in responding to the Los Angeles Times articles related to the Pre-1971 non-ductile concrete building and soft-story wood buildings in Los Angeles

The committee members have been working on this task since October 2013 with the SEAOSC Board of Directors. The letter was finalized and mailed out to the appropriate persons at the City of Los Angeles on 2/17/2014. This task is completed.

2. The Review of 2014 Los Angeles Building Code , Chapter 34 - Additional, Alteration and Changing of Occupancy Provision for URM Buildings

In October 2013, The City of Los Angeles contacted SEAOSC EBC for our help on the review of the above reference code section for 2014 LABC. All comments and feedback from EBC members were compiled and submitted to the City of Los Angeles on 11/17/2013.

3. Earthquake Hazard Reduction Report Card

During the State SEAOC EBC meeting in San Diego in October 2013, the concept of Earthquake Hazard Reduction Report Card was introduced. The purpose of the report card is to survey how well prepare each local jurisdiction is in reducing the earthquake risks on different building type, i.e, URM, Tilt-up, SWOF and Non-ductile concrete frames. SEAOSC was assigned to review IEBC Chapter A5 for non-ductile concrete frame building and report out the findings at the State SEAOC EBC meeting. This task is in progress - PRIORITY #1.

4. SEAONC Building Rating: SEAOSC EBC had a plan to review the Building Rating procedure proposed by SEAONC. This project was initiated in May 2013 and had been put on hold for several months. We started discussing about this project again in October 2013 meeting, but without much progress due to an emergency task to address Los Angeles Times articles (Item #1). The intent of this project is to review the building rating procedures, conduct some studies with real buildings and provide our feedbacks at the SEAOC State meeting. The scope and details of this project still needs to be worked out within the committee. This task is in progress - PRIORITY #2.

Submitted by: Methee Chiewanichakorn,
methee@labibse.com

Committee Updates Continued

Seismology

The SEAOSC Seismology Committee's main responsibilities are to Coordinate with Building Seismic Safety Council for new developments and represent SEAOSC for voting on proposed technical documents. Evaluate viability of research projects that may be of interest to SEAOSC. Monitor the developments of technologies and issues that arise with new and existing building materials, systems and methods. Coordinate with Sub Committees Steel Buildings and Research for the development of work products.

Seismology Committee, in an effort to achieve the above mentioned responsibilities and to link the current research activities with the efforts of the practicing engineering community, holds its monthly meetings on a rotating basis at a different major University in Southern California each month. The committee is scheduled to meet at CSUN in March.

This committee meets on the first Tuesday of each month. However, due to speaker availability it may meet on another day of the third week of each month. The meetings starts at 7:00 pm and adjourn from 9:30 - 10:30 pm.

The committee voted to have 10 permanent members with the provision that if any member did not attend three consecutive meeting their seat will be offered to another association member that can actively participate in the discussion and contribute to the committee.

Contact: Bahrim Zarin-afsar, bahram@zarinafsar.com

Technology & Website

The Technology and Website committee is seeking volunteers to assist with content creation on the new website! Do you have suggestions for articles or text that you would like to see posted to our website? Now's the time to raise your hand!

We are looking for content relevant to both our member engineers and the general public. We would also like to highlight members and their projects so give us your photos, links, descriptions and more!

We are within 6-10 weeks of launching the new website, so act now to see your content included! Submit your desired content, along with a suggestion of where it should be posted (navigation path) to Lynn Hanger at seaosc@seaosc.org for consideration.

Membership

Over the past 6 Months, the Membership Committee now has an active Chair, Nolan Lenahan, P.E.

Committee Members have been actively reaching out to new SEAOSC members with a welcome phone call. Some of the goals for this activity include:

- Helping new members to create personal bonds within the organization.
- Invite new members to upcoming events and offer an invitation to sit together a dinner meeting.
- Collect information on why these new members joined the organization and what they hope to get out of it.

Committee Members did help with the organization of the Holiday Dinner, specifically organization of musical entertainment.

Committee Members are actively working to organize the Membership Appreciation event, tentatively scheduled for early May.

Future Activity for Spring 2014: Create a postcard to be mailed to non-member in the region promoting the Convention and the advantages of being a SEAOSC members.

Courtesy of SEAOC, we have a copy of the California Licensed SEs in our regions that are not currently members.

- Target mailing for early August – membership promotion for next fiscal year.
- If there is any specific language that the Board would like to suggest, we will begin working on the content in April/May.
- Francisco Garcia has offered to help with the graphics and production.

Participation in the newly formed SEAOC Membership Committee at the State Level.

- Hope to receive assistance in marketing the dues increase to members in this next renewal cycle.
- Hope to receive assistance in expanding and fine tuning our Values flier; specifically promoting value that is provided at the State/National level.
- Explore the use of Social Media. How to use social media efficiently and make SEAOSC more relevant

Submitted by: Kelsey Parolini, kelsey@smithstructural.com and Nolan Lenahan, nolan.lenahan@arup.com

Committee Updates Continued

Image & Public Relations

The Image & PR committee has started the year off strong. Our members have attended various professional forums and symposiums as professionals knowledgeable in structures and design. A couple of the events attended were: Westside Urban Forum, Earthquake Country Alliance Speakers Bureau, and Northridge 20 Symposium. We have outlined our mission statement and solidified goals to accomplish this year. Our meetings are the second Wednesday at noon on the computer through GoToMeeting. Quarterly we meet immediately before the SEAOSC Dinner meeting. We welcome all participation.

Additional goals include:

- Come up with a general message: Focus on the health, safety and wellness that is our responsibility, not just after a disaster or emergency.
- Set up/Act as a Writers Bureau for the Board (Ghost Writers)
- Outreach to News Media: Create a relationship for SEAOSC, Create a contact structure, Spokesman list (as Reference for committee) for contact questions.
- Outreach to Print Media: Create a relationship for SEAOSC, Articles to submit
- Prototype letter for crisis situations - address with the help of Doug Thompson, Michael Cochran, & Kevin O'Connell
- Media Contact Structure to present to the Board
- Presence in regional groups and public events. Create relationships and become a resource with those

groups:

- ◆ Red Cross and the Disaster Preparedness Academy
- ◆ Southern California Alliance
- ◆ Earthquake, Preparedness, and Resiliency Fair
- ◆ Building Departments
- ◆ County and City Emergency Networks
- ◆ Local professional groups with an interest in structures: Insurance, Lending Institutions, etc.
- ◆ Other organizations (AIA, etc.)
- ◆ Exam Preps (AIA, PE)

- Train our committee to speak to groups and people. Keep the discussion on our message and create new relationships.
- Brief 1-2 paragraph description of the event attended to submit to Member Newsletter
- Outline for committee members for events – Committee statement, Lessons Learned for the Committee
- Develop a program to generate articles, guidelines, committee review, audience (online/blog & print), etc.
- Quarterly summary of the committee's activities for the member newsletter
- Public Relations Pamphlet
- Direct the path of the website & Create a "What we can do for you" statement for the website

If you are interested in seeing what the committee does, would like to participate or join our committee; email **Emily Morris** at emily@taylorsyfan.com or **Marcela Opie** at marcela@lawsonburke.com to put you on the next meeting list.



Volunteers Needed



Structural Engineers Association
of Southern California

CONGRATULATIONS TO OUR 2013 SEAOSC EXCELLENCE IN ENGINEERING AWARD WINNERS

Landmark Structures

Excellence Award

Cleveland Museum of Art 2012
Expansion
Nabih Youssef & Associates

New Construction

Excellence Award

United States Courthouse San Diego
Englekirk Structural Engineers

Historic Preservation

Merit Award

Anaheim PackingHouse
Structural Focus

Merit Award

Center for Social Justice & Civil
Liberties
Critical Structures

Special-Use Structures

Merit Award

Netscape
Nous Engineering

Retrofit/Alteration

Excellence Award

Cerritos College Gymnasium Building
IDS Group

Sustainable Design

Merit Award

The Vasquez Rocks Natural Area Park
Interpretive Center
John A Martin & Associates

Infrastructure

Merit Award

Valley Regional Middle School
Pedestrian Bridge
John A Martin & Associates

Merit Award

Space Shuttle Endeavour –
Final Mission
Plump Engineering

*Now Accepting Entries for 2014 Excellence Awards through April 30.
Visit seaosc.org for the information.*

SEAOSC YOUNGER MEMBERS

PRESENTS

**Mid-Level Isolation
Burbank RITC Project: a Case Study**

by

MIYAMOTO INTERNATIONAL

FREE TO ATTEND!

WITH LUNCH SPONSORED BY
MIYAMOTO INTERNATIONAL

at

Miyamoto International

700 S. Flower St., Suite 1010

Los Angeles

Saturday, March 29

11am to 1pm



Structural Engineers Association
of Southern California

RSVP REQUIRED! Email Jimmy at jimmychang@csupomona.edu



Structural Engineers Association
of Southern California

Los Angeles Lunch Meeting

Wednesday, April 2, 2014

"State of Practice - The Architect's Perspective"

Location: The Radisson Hotel Midtown at USC, 3540 South Figueroa St, Los Angeles, CA 90007

Panelists:

- Paul Coleman – Principal, Director - AC Martin
- Arnold Swanborn - Associate Principal, Senior Designer – CO Architects
- Bill Schmalz – Principal, Technical Director – Perkins + Will
- Marlon Steiner - Senior Associate, Project Director –Studio One Eleven



Moderator: James Parker, S.E., P.E., Senior Principal, Simpson Gumpertz & Heger

Abstract: What does today’s structural engineer need to understand about working with Architects? This lunch meeting brings together four prominent Southern California Architects from various sectors of the building industry for a panel discussion. From the perspective of the client architect, questions include: what is state of the practice for structural engineers on projects? With respect to current practice, what are structural consultants doing well and where do you see room for improvement? When you look ahead and envision the AE team of the future (say 5 to 10 years out), do you see the role of the SE changing? These questions and more will be topics of discussion.

Time: Registration and Networking 11:30am, Lunch & Program 12-1:30pm

Cost: Member \$35, Students: \$25, Walk-ins \$45, Table of 8 \$245

Menu: Chicken Piccata. Please inform SEAOSC in advance if you prefer a vegetarian entree.

Reservations: Make advance reservations via SEAOSC.org, fax or email.
Prepay by providing your credit card number & expiration date. "Walk-ins" welcome.

LA LUNCH MEETING RESERVATION FORM: April 2, 2014

Please print legibly!



Attendee(s): _____ @ \$35 = \$ _____

Students: _____ @ \$25 = \$ _____

Table of 8: _____ @ \$245 = \$ _____

TOTAL = \$ _____

of Vegetarian Entrees Requested: _____

Name(s): _____

Firm: _____ Phone: _____ Email: _____

Card number: _____ Expiration date: _____

Signature: _____ Zip Code: _____

WEBINAR



Tarek Alkhrdaji, PhD, PE

Tarek Alkhrdaji is Vice President of Engineering with Structural Technologies. He has experience in structural repair and strengthening and full scale load testing of concrete structures.

He has been involved in more than 400 projects involving structural repair and strengthening – and numerous that have received awards from The American Concrete Institute (ACI), the Post-Tensioning Institute (PTI), and the International Concrete Repair Institute (ICRI).

Tarek is an active member of numerous ACI, ASCE and AWWA committees has written more than 40 papers and articles on strengthening of structures including buildings, bridges, silos, tanks and concrete pipes.

Structural Engineers Association of Southern California

Webinar: *Techniques, Materials & Design Considerations for Strengthening of Existing Concrete Structures*

Date: Thursday, April 10, 2014

Time: Noon-1:00 pm

Price: SEAOSC Members: \$75

Nonmembers: \$150 or Member of any national SEA: \$100

Presentation Information: Analysis and upgrade of concrete structures has evolved into a complex science that requires a blend of engineering, material science and construction perspectives. Strengthening projects may utilize traditional materials such as conventional cement-based and steel materials as well as advanced composite materials (FRP's) that are commonly used for aerospace applications. The techniques used to design and install these materials for upgrade applications are not common to the engineering and general construction industry which can make strengthening projects even more challenging and complex than new construction.

There are many factors that create the need for strengthening. They include construction and design errors, increase in live load, new code requirements, low concrete strength, voids created during concrete placement, new penetrations and prevention of progressive collapse from blast loads.

This presentation will describe the design strategies, different techniques, materials and design concepts used for upgrading concrete structures. The use of each technique will be illustrated through actual case studies.

Presentation notes will be provided after registration using the link provided or emailed prior to the event.

To Register: (Online registration 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**”-



Structural Engineers Association
of Southern California

TriCounties Dinner Meeting

Tuesday, April 15, 2014

Program: "The 2012 IBC / 2013 CBC Masonry Design Code Updates"

The 2012 IBC / 2013 CBC became effective in California on January 1, 2014. Major changes were made by to the 2008 Edition of these standards by the Masonry Standards Joint Committee (MSJC). This presentation will discuss and provide detailed insights of the major changes that were made, which include: a complete reformatting of the document into a more user friendly format; allowable design stresses in masonry and steel; new shear strength determination procedure using allowable stress design method; etc. Because of the extent of these changes, the presentation will provide a background on what changes were made and also on why the revisions were needed, thus allowing the presentation to serve as a means to update the participants on these important changes and also making the presentation a future historical reference on the revisions.

Location: Mulligans Cafe & Bar, 3500 McCaw Ave, Santa Barbara, CA 93105

Speaker: James P. Mwangi, Ph.D., P.E., S.E.



Dr. James Mwangi received his Bachelor of Science degree from the University of Nairobi, Kenya, a Master of Science degree from the University of Lagos, Nigeria and a Doctor of Philosophy degree from the University of California, Davis, all in Civil Engineering. James is currently Professor of Architectural Engineering, California Polytechnic State University, San Luis Obispo. He teaches undergraduate and graduate design courses in concrete, steel, timber and masonry. He is licensed as a civil engineer and as a structural engineer in the State of California. Dr. Mwangi is a certified Disaster Service Worker for the California Emergency Management Agency. His other interests are in post-disaster structural mitigation and consulting structural engineering.

Time: Social Hour & Networking 5:30 p.m.; Dinner 6:30 p.m.; Program 7:30 p.m.

Cost: Member \$35, Students: \$25

Reservations: Make advance reservations via SEAOSC.org, fax or email.
Prepay by providing your credit card number & expiration date. "Walk-ins" welcome.

TriCounties DINNER MEETING RESERVATION FORM: April 15, 2014

Please print legibly!



Attendee(s): _____ @ \$35 = \$ _____

Students: _____ @ \$25 = \$ _____

of Vegetarian Entrees Requested _____

TOTAL = \$ _____

Name(s): _____

Firm: _____ Phone: _____ Email: _____

Card number: _____ Expiration date: _____

Signature: _____ Zip Code: _____

Presented by the SEAOSC Disaster Emergency Services Committee

Post-Disaster Safety Assessment Evaluator Training



Engineers-in-waiting CAN attend and receive a certificate. After passing their PE exam, they can forward their letter of professional registration or their RCE number to Jim Barnes of Cal OES and he will prepare a SAP Evaluator ID badge.



Cal OES
GOVERNOR'S OFFICE
OF EMERGENCY SERVICES

Saturday April 26, 2014 • 8:30 am - 3:30 pm
The Grand Event Center, Long Beach, CA

This training will provide a comprehensive overview of the California Emergency Management Agency (CalEMA) Safety Assessment Program, practical building evaluation exercises, criteria for assessing the severity of facility and lifeline systems damage, and procedures for posting and barricading. The ATC 20-1 Field Manual: "Post-Earthquake Safety Evaluation of Buildings, Second Edition" and additional materials will be provided.



"All registered SAP evaluators must be professionally registered engineers, professionally licensed architects, certified building officials or inspectors. They must also have a general knowledge of construction, professional experience and judgment." Those without the above qualifications may attend but will not receive a state-issued Cal OES card.

Those already possessing a CalOES Office of Emergency Services card should check their expiration date. State-issued cards expire five years after the training date. **Please note that older OES cards with indefinite expirations or expired cards are no longer valid.** Enrollment in SAP Evaluator Program will be necessary to recertify.

If your SAP Evaluator card has recently expired or is about to expire, you can continue your registration in the program by taking an online refresher training. Visit <http://www.calema.ca.gov/Recovery/Pages/Safety-Assessment.aspx> for more information.

Licensed or certified professionals who are members of ASCE, AIA, SEAOC or CALBO will receive a new SAP volunteer card and will be allowed to "tag" buildings in the event of a disaster. This process is not intended to identify or quantify damaged facilities but to evaluate their potential for safe use.

SEAOSC Seminar:

Post-Disaster Safety Assessment Evaluator Training

Saturday, April 26, 2014

Registration: 8 am, Seminar: 8:30 am - 3:30 pm
(Includes continental breakfast, box lunch & ATC 20-1 Field Manual)

The Grand Event Center, 4101 E. Willow St., Long Beach, CA 90815



(Circle the amount applicable to your registration.)

Cost	Before April 11	After April 11
SEA Member	\$75	\$100
Non-member	\$135	\$180
Unlicensed*	\$115	\$140

Attendees will receive 6 professional development credits.

All registered SAP evaluators must be professionally registered engineers, professionally licensed architects, certified building officials or inspectors. They must also have a general knowledge of construction practice, professional experience and judgment.

Four ways to register:

① Register online at www.seaosc.org
(Members: Log in using Username & Password for Member Discount)

② Fax completed form with credit card information to (562) 692-3425.

③ Mail Completed form with check made out to SEAOSC to 1105 S. Euclid St. #D409, Fullerton, CA 92832.

④ Email form with credit card information to seaosc@seaosc.org.

Note: Confirmations will be issued in response to online reservations only.

Name:

Phone:

Fax:

SEA Member

Non-member

Credit Card Number:
Amount:

Expiration:

Pin number (last 3-4 digits on back of card):

Complete Billing address including zip code:

LEGIBLE E-mail Address:



Structural Engineers Association
of Southern California

SAVE THE DATE

MEMBER APPRECIATION EVENT
SUNDAY, MAY 4, 2014

SIX FLAGS MAGIC MOUNTAIN
26101 MAGIC MOUNTAIN PARKWAY
VALENCIA, CA 91355

- Ticket will include:
- Admission to Six Flags
 - Park sponsored games
 - Afternoon Picnic & BBQ
 - First Round on Us
- Followed by Cash Bar

Come enjoy a day of rides, food and fun!



MORE DETAILS TO COME IN APRIL – STAY TUNED!

Integrated Project Management and Accounting Software

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Time Tracking, Project Management,
Billing, Accounting and more.



855.687.1029 | www.bqe.com/SEAOSC



CONFERENCE ANNOUNCEMENT

ADVANCES IN STRUCTURAL DESIGN FOR SEISMIC REGIONS

Space is limited. Early registration is highly recommended.

**FRIDAY, MAY 2, 2014
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 2014 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: Design of Transbay Tower in San Francisco (Mike Valley); Design of the Wilshire Grand Tower (Len Joseph); Overview of ATC-78 on Nonductile Concrete Buildings (Mike Mehrain); Improved Performance-Based Seismic Assessment of Tall Buildings by Utilizing Bayesian Statistics (Omid Esmaili and Farzin Zareian); Spectral Scaling or Matching Earthquake Ground Motions in the Light of ASCE 7-10 (Marshall Lew); Reliability Based Design Approach to Retrofit of Structures (Gary Hart); 2014 LATBSDC Alternative Criteria for Tall Building Design (Farzad Naeim); New Insights on Effects of Directionality and Duration on Seismic Response of Tall Buildings (Manuel Archila and Carlos Ventura); Comparative Study of Performance on Post-Tensioned Rocking Systems (Sofia Gavridou and John Wallace); Earthquake Damage Potential due to Low-Cycle Fatigue in RC Moment Frame Buildings (James C. Anderson and Ahmed Mantawy)

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: PHamabata@johnmartin.com**

REGISTRATION FORM

ADVANCES IN STRUCTURAL DESIGN FOR SEISMIC REGIONS - Friday, MAY 2, 2014

Name _____

Affiliation _____

Address _____

City, State, Zip _____

Phone _____ Fax _____ E-mail _____

Early-Bird Registration Fee (if received by April 18, 2014).....	\$250
Registration Fee (if received after April 18, 2014).....	\$300
Students (space is limited to 30 student participants)	\$ 40

Place your Job Ad Here!

1/4 page ad
1 month
\$100
Easy!

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



KPFF Portland is looking for motivated Structural Project Engineers interested in opportunity for growth.

Qualifications

- 3+ years of structural engineering experience
- PE & MS/MEng engineering degrees
- Revit Structure experience
- Strong verbal/written communication skills
- Creative, proactive, & detail-oriented
- Individuals who thrive when working with architects, contractors & engineers

Please submit a cover letter and resume to our website:

<http://www.kpff.com/contacts-7/40> via our Career Opportunities online listing for a Structural Engineer

Location: Portland, OR

Advertisement

2014 Structural Engineering Review Seminars

(June – October 2014)

BYA Publications is pleased to announce the 14th consecutive year of the most comprehensive SE Review seminars. The 14 session expanded program is comprised of 95 hours of detailed and interactive presentations covering great selection of problems targeted for the NCEES SE exam. The program is taught by some of the most prominent experts of the field including **Dr. Michael Engelhardt, PE; Chris Tokas, SE; Kelly Cobeen, SE and Dr. Chukwuma Ekwueme, SE**. The seminars also include discussions of most recent developments in areas of structural and seismic engineering. For complete course details and registration information please see

www.structuralsolutions.com

Register by May 15 and save \$400

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@mhpse.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
Membership	Kelsey Parolini* OPEN	805-439-2110	kelsey@smithstructural.com
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	Emily Brown Lynn Hanger* Casey Hemmatyar	626-793-7438 562-908-6131 888-889-5643	emily@taylorsoyfan.com seaosc@seaosc.org ckh@psfeg.com
Education	Michelle Kam-Biron* Herb Stockinger	805-410-2877 909-595-0840	mkambiron@awc.org herbstock@aol.com
Sub Cmte: Webinars	Francisco Garcia	323-717-1303	fgarcia@fjengineering.com
Professional Bus. Practices	Ryan Smith* OPEN	949-305-7889	rsmith@sideplate.com
Building Codes & Stds.	Doug Thompson* Carl Sramek	949-599-0320 562-799-6010	dougt@stbse.com sramekca@aol.com
Seismology	Ifa Kashefi* Bahram Zarin-afsar	213-482-0440 949-261-6988	ifa.kashefi@lacity.org b@1zai.com
Sub Cmte: Research	Bahram Zarin-afsar	949-261-6988	b@1zai.com
Sub Cmte: Steel Bldgs.	Ashi Dhalwala	310-828-1422	ceginfo@verizon.net
Existing Buildings	Kevin O'Connell* Methee Chiewanichakorn	310-323-9924 213-596-5000	oconnell@structuralfocus.com methee@labibse.com
Quality Assurance	Daniel Traub* OPEN	310-254-1900	dtraub@walterpmoore.com
Disaster Emergency Svcs.	Diana Nishi* Doug Litchfield	323-733-6673 818-913-3558	diana.nishi@englekirk.com dlitchfield@mwdh2o.com
Legislative	To Be Determined OPEN		
Sustainable Design	To Be Determined OPEN		

