



Structural Engineers Association
OF SOUTHERN CALIFORNIA

SEAOSC NEWS

LA DINNER MEETING APRIL 2017

Note New Location for April!

Wednesday, April 5, 2017
Networking, Dinner & Panel Discussion

New Location!

Almanson Court
700 South Almanson St, Alhambra, CA 91801

COME EARLY AND JOIN US FOR:

Connections

PRE-DINNER SOCIAL MIXER
INCLUDING COMPLIMENTARY DRINKS
5:30pm-6:30pm

[REGISTER](#)

Join Us at:



Kick-Off Event and Knowledge Exchange

MARCH 23, 2017
6 - 9 PM

A + D ARCHITECTURE AND DESIGN MUSEUM
900 E 4th Street, Los Angeles, CA 90013
(On site and street parking available)

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Accepting Entries for the
EXCELLENCE IN STRUCTURAL ENGINEERING
2017 AWARDS

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Jeff Ellis, SE

Spring has certainly sprung! The days are getting longer and new growth is abundant. The economy is bustling and there are a lot of great opportunities. There many things in which our Association is doing and leading as well as participating in to advocate for structural engineering, engage technically, and provide [member benefits](#). With all this activity, it can certainly feel like a whirlwind sometimes. I recently listened to a podcast regarding a book that spoke of the importance of focused work and of reducing distractions. The book is entitled "Deep Work: Rules for Focused Success in a Distracted World" by Cal Newport. It defined "deep work" as a "state of unbroken concentration on a cognitively demanding task" and "shallow work" as everything else. It was noted that deep work is craftsmanship and a skill that takes practice and is becoming more valuable, but people are getting worse at it. The book offers four rules: Work Deeply, such as setting up systems and habits to support deep work; Embrace Boredom, with boredom defined as "lack of novel stimuli", as our brains are becoming addicted to distraction; Quit Social Media, don't necessarily quit but use a "craftsmanship" approach to tool selection or use, such as if offers significant advantage versus the negative aspects; and Drain the Shallows, which suggests to ruthlessly eliminate unnecessary shallow work (recognizing some is necessary) and be relentlessly organized with that remaining. Typically structural engineers by nature have very good focus and concentration abilities, however, with all the technology, even engineers can struggle with distraction and this concept of "Deep Work" may help us. They stated the phrase economists used in describing "Deep Work" was "it is the killer app in the knowledge economy." Indeed, if we're able to harness and expand on this concept, we could make an even greater impact that we do now. They ended the podcast briefly discussing another book by the author entitled "So Good They Can't Ignore You: Why Skills Trump Passion in the Quest for Work You Love." The main concept of the book was that "true passion at work comes from a sense of mastery, impact on the world, connection to others, and creative expression." A couple good books that I hope might help

as you continue on your career journey.

We had a great monthly meeting on March 1st on work/life balance. Our Membership Committee's Women in Structural Engineering Subcommittee, with leadership by SEAOSC Past President Michelle Kam-Biron, SE, Board Director Victoria Wigle, SE, of DPR, and Membership Committee Chair Kerry Regan, PE, of Buehler and Buehler, planned our March dinner meeting and suggested something new; a pre-dinner [Mentoring Mixer](#). This mixer linked younger members with more seasoned members – as well as with a free drink – and new relationships began and engaging discussions followed. It was a resounding success! It's not only interesting to connect our generations and to network with one another, but it also makes us stronger individually and as an Association. The dinner program was a panel discussion on the important topic of "Work/Life Balance as Structural Engineers" and it was filled with useful insights. There was great dynamic interaction between the panelists and audience, facilitated well by Moderator Vivian Pena, SE, of Simpson Gumpertz & Heger. Our upcoming April 5th dinner meeting will be a discussion on the important topic of "[Structural Engineering and Its Risks: Risk Management for All Engineers](#)", moderated by President-Elect Bob Lyons, SE. The panel will include structural engineers, a member of our Professional Practices Committee, attorneys, and a liability insurance broker. Obviously risk is something we all must deal with in engineering no matter our role. This panel discussion will be an important resource to help you better understand the issues and risk mitigation options. Additionally, there will be another pre-dinner Mixer with free drinks beforehand. Come get to know your fellow SEAOSC members to help grow and to strengthen our Association! Don't forget this meeting is at a different new location at Almansor Court in Alhambra. In order to evaluate buildings and tag them (green, yellow and red) after an event, one must participate in [Cal OES Safety Assessment Program \(SAP\) training](#) and this will be provided on Saturday

April 8th at the Grand Event Center in Long Beach. Also you'll not want to miss our April 19th Orange County dinner meeting on "[Findings from the SEAONC structural Engineering Engagement and Equity \(SE3\) 2016 Study.](#)" This is such an important and timely topic as it will address structural engineer's satisfaction with the profession and equity concerning career growth, pay and work/life balance.

There are a couple very important outside events coming up for which I hope you all have seen the announcements and that you'll be able to attend. They are the [Building Forward LA Kick-Off Event and Knowledge Exchange](#) at 6pm on Thursday, March 23rd the L.A. A + D Architecture and Design Museum and the [2nd L.A. Seismic Retrofit Resource Fair](#) at the L.A. Convention Center on April 17th. SEAOSC was asked to participate in Los Angeles Mayor Eric Garcetti's "Building Forward LA" initiative along with a few other local and national organizations and it was just made public late Friday March 10th. We'll be providing a short presentation as part of the program, as will the other groups. This initiative's intent is to look for ways for L.A. to be more sustainable and resilient. The kick-off event is meant to provide a venue to discuss innovations and to solicit input. I strongly encourage SEAOSC members to attend and participate in this important event as it could affect the future of designing and building in L.A. and possibly other communities. SEAOSC Board Treasurer Mehran Pourzanjani, SE, of Saiful Bouquet, Director Matt Barnard, SE, of Degekolb, David Cocke, SE, of Structural Focus, and I have been participating in this effort to date and conversing with the Board on the progress. Image & PR Chair Sam Mengelkoch, SE, of Structural Focus has been working with L.A. Chief Resilience Officer, Marissa Aho, regarding SEAOSC's participation in this year's L.A. Seismic Retrofit Resource Fair. Hundreds of building owners affected by the retrofit ordinance will participate to find out more about the ordinance requirements and potential solutions. I hope that SEAOSC members who specialize in seismic retrofit will take advantage of this opportunity to participate with a no-cost tabletop exhibit at this event. Last year, SEAOSC members participated in a very successful 1st Seismic Retrofit Fair that not only benefited our members, but also the community of Los Angeles. Please note that SEAOSC will be submitting topics for presentations at the Fair and we'll have a tabletop exhibit as well. As a benefit to our SEAOSC PE and SE Members, SEAOSC has an online [Member Services Search](#) which is used by the public to help find structural engineering services.

Advocacy and outreach have been an important part of our Association's [vision](#) and strategic goals, recognizing that we can understand the problems well and develop great solutions, however, that it may be for naught if we are not clear and effective communicators and advocates to the public and policymakers. To that end, we have an active Image & PR Committee which developed a "[What You Need to Know about Structural Engineering](#)" flyer for the public, are planning our 7th annual [SEAOSC Strengthening Our Cities Summit](#), and have an External Affairs Advisor, John Bwarie of Stratiscope. Some additional examples of advocacy and outreach efforts include SEAOSC providing a presentation on March 15th regarding the L.A. Earthquake Hazard Reduction Ordinance to the Korean Real Estate Brokers Association of Southern California. The presentation was given by SEAOSC Existing Buildings Committee members Garrett Hagen, SE, of Degenkolb Engineers, and David Funk, SE, of John Labib Associates. Also, SEAOSC President-Elect Bob Lyons, SE, of Risha Engineering and External Affairs Advisor John Bwarie, and I have engaged the leadership at AIA-LA, BOMA-LA, USGBC-LA through a quarterly Leadership Lunch initiative. We just had our second meeting on March 14th in downtown Los Angeles. The purpose of these meetings is to outreach and engage other local organizations to enhance our relationships, be better informed of each group's goals and efforts, and to determine if there are possible areas of collaboration that may help to develop better and more comprehensive solutions in a timelier manner.

As you can see, there are a number of great efforts underway for the advancement of the profession and the strengthening of our communities. I'm very honored to serve this Association alongside so many talented and passionate fellow SEAOSC members progressing ever forward, understanding that sometimes meaningful progress moves faster than other times, but that it takes consistent, smart and focused work to get us to the goal. I'd like to extend a hearty thank you to my fellow Board members, who have offered great insight and leadership, and to the committee chairs, who have gone over and beyond in the service of our Association and profession. If you're not yet a member of SEAOSC, please [join](#) and if you are a member participate as much as you can, such as in the [monthly dinner meetings](#), [education events](#), [membership events](#), and [committees](#).

Let's make a meaningful IMPACT together!



Jeff Ellis SE – SEAOSC President

LA Dinner Event – March 1, 2017
[Click Here](#) to view the Event Gallery



MEMBER SPOTLIGHT



Jeffrey E. Haight, P.E., S.E.

Vice President, Ehlen Spiess & Haight, Inc. Structural Engineers

Member Since: 1988

jhaight@eshse.com

Current SEAOSC Role: Tri-counties Director

Favorite Movie: The Blues Brothers

Proudest Accomplishment: 27+ years of marriage and raising two great daughters

Childhood Ambition: Professional soccer player

First Job: Busboy

Why Join SEAOSC: I value the educational and networking opportunities that SEAOSC provides. It's great to talk informally with fellow engineers about our common interests and challenges. Joining the Board of Directors has given me an appreciation of how dedicated the officers and directors of SEAOSC are, and the important work that SEAOSC does for structural engineers and our profession.



Nina Mahjoub, P.E.

Associate Principal, Holmes Structures

Member Since: 2015

Nina.Mahjoub@holmesstructures.com

Current SEAOSC Role: Chair of Sustainable Design Committee

Favorite Movie: Life is beautiful

Proudest Accomplishment: Launching, growing, and leading our new office in Los Angeles.

Childhood Ambition: Explore the world

First Job: French Tutor

Why Join SEAOSC: Why not! Great way to meet your colleagues, to learn about the latest and greatest in engineering and beyond, to be part and contribute to the engineering community, reach out to society.

WELCOME NEW MEMBERS!

Member

Eva Cheung, Mighty Environmental Health & Safety, Irvine

Joseph Moody, Simpson Gumpertz and Heger, Irvine

Young Associate

Javier Buenas, Buenas Bros Company Inc., Redlands

Rehan Wain, Saiful Bouquet Structural Engineers, Pasadena

Existing Members

Update your SEAOSC Profile!

Review and update your SEAOSC profile.

Sign into your SEAOSC account at

www.seaosc.org

SEAOSC 2017-2018 BOARD NOMINEES

Additional nominations for the office of President-Elect, Treasurer or Director may be submitted by the membership to the Nominations Committee Chair, Kevin O'Connell, S.E., kdoconnell@sgh.com. As mentioned in the March newsletter, to allow sufficient time, the deadline for submitting additional nominees is extended to April 3, 2017. The committee's nominees and any additional will be presented to the membership at the April 5, 2017 general meeting.

Voting will begin in early May 2017 by email announcement and electronic voting. Election results will be announced at the June 7, 2017 dinner meeting. The newly elected directors will take office July 1, 2017 for a two-year term.



Treasurer:

Kenneth D. O'Dell, S.E., P.E., LEED AP

Principal – MHP, Inc. Structural Engineers

Ken D. O'Dell joined MHP, Inc. in 1989 after graduating from Cal Poly, San Luis Obispo with a Bachelor of Science Degree in Architectural Engineering. At MHP, as one of five principals, he manages design and seismic renovation projects and leads forensic investigation work for the firm while providing staff guidance in design, coordination, project management, and construction support. Since joining MHP, Ken has undertaken numerous significant projects as Engineer-of-Record including high and mid-rise hotel and multi-family projects along with significant community college and K-12 work. Additionally, he provides onsite assessments for numerous seismic risk and due-diligence projects.



Massoud Abolhoda, S.E.

Santa Barbara County Planning and Development

Massoud Abolhoda is a California licensed Structural Engineer. He received his Masters of Science in structural engineering from UCLA in 1981 and his Bachelor of Science in civil engineering in 1980. Massoud practiced structural engineering for 8 years before joining the public sector. He led the Building and Safety Division of the City of Fremont from 1996 to 2009, where he introduced the first mandatory soft-story seismic retrofit in 2008. Under his leadership, the City of Fremont received the first ISO #1 award in the United States in 1999 for superior building code adoption and enforcement services. Massoud has been serving as the Building Official of the County of Santa Barbara since 2011. Massoud was the recipient of the CALBO 2007-2008 Building Official of the Year Award.

SEAOSC 2017-2018 BOARD NOMINEES

Continued...

Patti Harburg-Petrich, S.E., LEED AP BD+C
Associate Principal at BuroHappold Engineering

Patti Harburg-Petrich has designed structural solutions for many building types, including commercial, healthcare, education, sports, and industrial. She has a particular interest in historic retrofit projects and sustainable design and she has a passion for community-centric work. Patti is a licensed Structural Engineer in the state of California, LEED Accredited Professional, Building Design + Construction, and certified Disaster Service Worker for the State of California Safety Assessment Program. She serves on the board of the ACE Mentor Program and volunteers for the Spark Mentor Program.



Donny Harris, S.E., LEED AP
Associate at KPFF Consulting Engineers

Donny joined KPFF in 2002 where he was already familiar with the construction industry practices. He has worked on various project types including, Healthcare, Education, Airport, Port, Residential, Retail, Entertainment, and Corporate. Along with many other technical skills, Donny specializes in Shoring Design which he has done for many types of clients including the Port of Long Beach, where he has become proficient in the codes and regulations of maritime projects. He enjoys sharing his understanding of construction materials and building practices to get to the most effective structural solutions as a team. Donny's passionate about improving our community and living spaces using modern innovations with traditional ideas of the past.



Truong Huynh, P.E.
General Superintendent of Development Services at City of Long Beach

Mr. Truong Huynh is the General Superintendent of Development Services, a manager in the Building and Safety Bureau within the City of Long Beach's Department of Development Services. Mr. Huynh is a licensed professional engineer and a certified building official with over 20 years of experience in the building and safety profession. Mr. Huynh began his career with the City of Long Beach in July of 2005 and is responsible for planning, organizing, directing and coordinating the programs and activities of the Engineering and Plan Check Services Division. Previously, Mr. Huynh worked for 9 years at the City of Los Angeles' Department of Building and Safety.

FIND AN ENGINEER

SEAOSC provides a Member Services Search service that is intended to assist the public in finding Structural Engineers (SE's) and Professional Engineers (PE's) claiming specialization in various areas of structural engineering. SEAOSC members pay a fee to advertise their "For Hire" design services on this service.

We have received an increased number of the public requesting engineer referrals and we encourage our members to participate in this valuable service! The Member Services Search is a benefit opportunity of SEAOSC membership. Please contact the [SEAOSC office](#) for further information if you are interested in participating in the Member Services Search.

The public information on the [Find An Engineer](#) section on our website is listed below:

How do you find a Structural Engineer? Read our brochure here: [WHAT YOU NEED TO KNOW ABOUT STRUCTURAL ENGINEERING](#)

Determine the size and scope of your project; you may wish to consult an architect or contractor first to discuss cost, feasibility and design coordination.

Compile a list of prospects.

- Search the Member Services Search for firms.
- Ask your friends and contractors for recommendations.
- Refer to your local telephone directory (check in the white pages, the "Yellow Pages," or in large metropolitan areas, the "Business Yellow Pages"), or
- Contact professional engineering and professional land surveying societies, such as SEAOSC, SEAONC, SEAOSD, SEA OCC, SEAOC, ASCE.

Confirm their State Registration.

- Visit the [State of California Board for Professional Engineers and Land Surveyors \(BPELSG\)](#) website and use the [Online License Look-up Database](#) to verify an individual's license, search for local professional engineers in your county, and view any disciplinary actions that have taken place against a licensee. This government agency covers many types of engineers, so be sure to look for "Professional Engineer" to view their Civil (C) or Structural (S) license.
- Review the [Consumer Guide](#) published by BPELSG for additional information on selecting a qualified engineer.

Select two or more engineering firms and ask for references from previous jobs similar to yours. Verify their expertise in your type of project and their ability to complete projects on time and on budget.

Request that an engineer visit the project site in order to submit a written proposal, including the objectives, anticipated time schedule and engineer's compensation. While some engineers do not charge for a preliminary visit, many do.

SEAOSC DESIGN GUIDE AUTHOR RECOGNITION

Enough cannot be said of the tremendous effort that has been given in the development of the two SEAOSC design guides for the Los Angeles Mandatory Earthquake Hazard Reduction Ordinance for Existing Non-Ductile Concrete (NDC) Buildings and Existing Wood-Frame Buildings with Soft, Weak or Open-Front Walls (SWOF) Buildings. This effort was led by SEAOSC Director Josh Gebelein, SE, of Brandow & Johnston, SEAOSC Existing Buildings Committee Chair, Daniel Zepeda, SE, of Degenkolb, Design Guide Assistant Chair Russell McLellan, MS, of Simpson Gumpertz & Heger, and Seismology Committee Chair Jesse Karns, SE, of MiTek. At the March monthly dinner meeting, SEAOSC honored each primary author with a plaque of the cover of the design guide they worked on as well as letters from the SEAOSC Board and the Vice President of the International Code Council. The following is the verbiage in the SEAOSC Board letter.

“Congratulations to you and everyone who worked on the SEAOSC design guides for the City of Los Angeles mandatory ordinance for earthquake hazard reduction in existing non-ductile concrete buildings and existing soft, weak or open-front wall wood buildings! These design guides represent a tremendous achievement and will be an excellent resource not just for local structural engineers performing designs in accordance with the Los Angeles retrofit ordinance, but also for engineers and building officials evaluating these building types and for policy makers developing seismic risk mitigation policy. The commitment to the work on the design guide(s) for which you helped author is applauded! Your talent, passion and hard work with the SEAOSC team increases the impact we can make together on the structural engineering profession, our industry and our communities. It’s these efforts to go over and beyond to make a real difference to improve our built environment that distinguish individuals in their career and communities. In recognition of your service for this effort, attached is a framed cover of the design guide for which SEAOSC and you may be very proud.

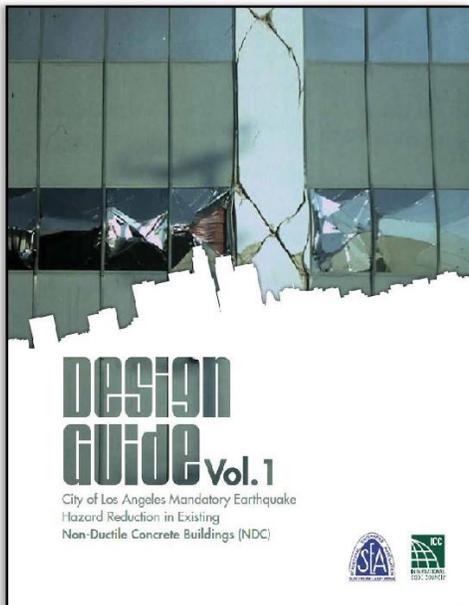
With Much Appreciation.” If you’ve not yet obtained a copy of these important design guides, they’re available on the SEAOSC online store.



Design Guide authors from right to left: Henry Burton, Ph.D, SE, Russell McLellan, MS, Josh Gebelein, SE, Jesse Karns, SE, Gabriel Acero, SE, Garrett Hagen, SE, and Daniel Zepeda, SE, with SEAOSC President Jeff Ellis, SE. Not in attendance: Andy Alexander, PE, Jonathan Buckalew, SE, David Funk, SE, James Lai, SE, and Benjamin Mohr, SE.

SEASC NDC AND SWOF SEISMIC RETROFIT DESIGN GUIDES ON SALE NOW!

[Click Here to Purchase](#)



This design guide discusses and demonstrates methodologies for the seismic evaluation and strengthening of existing non-ductile concrete buildings. While aspects of this guide focus on the mandatory City of Los Angeles earthquake hazard reduction ordinance and historical construction practices of the Southern California region, it is generally applicable to any other existing concrete buildings in areas of moderate or high seismicity. In this guide you will find a collection of practical advice, guidance on implementing current evaluation and retrofit methodologies, summaries of relevant and useful reference materials, and detailed examples. Additional insights are given based on the latest available research and next-generation standards development work. Extensive commentary is provided and various approaches are presented to address this challenging subject.

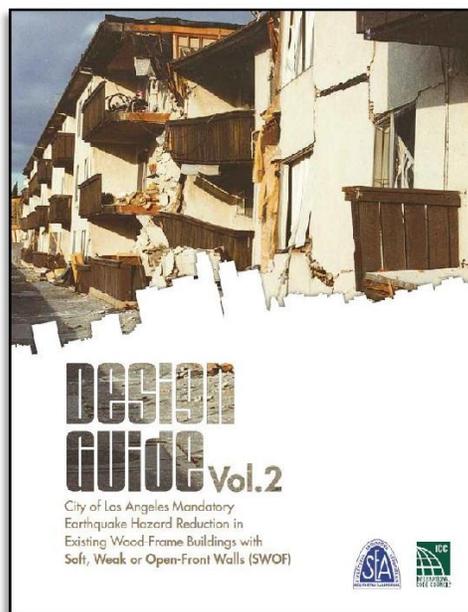
The publication of this design guide coincides with the end of the triennial code cycle, and was written for use with the 2017 *City of Los Angeles Building Code* based on the 2015 *International Building Code* and ASCE 41-13. This guide is an excellent resource for practicing professional engineers, architects, building officials, academics, and students evaluating this type of structure.

SEASC Design Guide Vol. 1: City of Los Angeles Mandatory Earthquake Hazard Reduction in Existing Non-Ductile Concrete Buildings (NDC)
Pricing:
Non-Members:
 Printed: \$45
 Electronic: \$42
Members:
 Printed: \$38
 Electronic: \$35

This design guide provides an example and detailed commentary for the seismic strengthening of existing wood-frame buildings with soft, weak or open-front (SWOF) wall lines subject to the recently passed mandatory Los Angeles Ordinance. The design example in this guide demonstrates a prescriptive, ordinance-based retrofit approach for a typical open-front wall line. Following this example, a demonstration is given showing how FEMA P807 could be used to design a retrofit for the same example building.

Commentary in the guide discusses challenges inherent in this type of retrofit including: lateral force-resisting system selection, shear transfer detailing, and existing material capacities. Additionally, capacity-based design concepts are presented to provide creative solutions for buildings with unique challenges. Scope, responsibilities of the design professional, and other topics are discussed in great detail to further aid the design professional and provide a clearer understanding of the requirements of the Ordinance.

This design guide was written for use with the 2014 *City of Los Angeles Building Code* based on the 2012 *International Building Code* and ASCE 7-10. This guide is an excellent resource for practicing professional engineers, architects, building officials, academics, and students evaluating this type of structure.



SEASC Design Guide Vol. 2: City of Los Angeles Mandatory Earthquake Hazard Reduction in Existing Wood-Frame Buildings with Soft, Weak or Open-Front Walls (SWOF)
Pricing:
Non-Members:
 Printed: \$29
 Electronic: \$26
Members:
 Printed: \$25
 Electronic: \$22





The SEAOSC Foundation

The SEAOSC Foundation exists to advance the scientific principles of structural engineering through sponsoring of structural engineering research, publishing of studies, papers and reports of structural engineering significance, and funding of annual student scholarships.

To further the development of structural engineering, the Foundation looks for partners, be it individuals, companies or corporations, who are interested in pursuing structural engineering innovation and research for use in the public domain.

In furtherance of its purposes, the SEAOSC Foundation may:

- Sponsor scientific research, both fundamental and applied, intended to aid in the advancement of structural engineering.
- Provide tuition scholarships for students intending to enroll or are currently enrolled in engineering programs with a structural engineering specialization leading to a degree from an accredited institution of higher learning.
- Publish the results of studies, papers, and other reports of special importance and significance to structural engineers.
- Solicit financial support from structural engineers, foundations, and the general public to support this corporation's activities.

As a 501(c)(3) nonprofit corporation, all donations made to the **SEAOSC Foundation** are tax deductible as a charitable donation, to the extent of the law, by the individual making the contribution.

We are currently seeking donations to advance this effort and hope that you will partner with us to advance structural engineering. Donations can be made by check, made payable to "SEAOSC Foundation" and mailed to the SEAOSC Office:

SEAOSC Foundation
Attention: Dianne Ochoa
437 S. Cataract Avenue, #4B
San Dimas, CA 91773
Phone: 562-908-6131 or
E-mail: foundation@seaosc.org

SAFER CITIES ADVISORY PROGRAM



Developing a Seismic Safety Ordinance? Or a Back-to-Business Program? We have something for you!

A message from the SEAOSC President Jeff Ellis, S.E.

The Structural Engineers Association of Southern California (SEAOSC) is here to help. It is who we are. We are here to help develop the technical basis behind local building codes and standards. We are here to be a resource for our members and the industry at large so together we can make a difference.

SEAOSC applauds the increased interest in the seismic safety of our communities; an interest that has developed fortunately now and before the potential loss of life and damage to property. We are proud that our Cities and other local jurisdictions are taking proactive steps to better understand the current risk to life and property of the existing built environment and then develop regulations and means by which that risk can be reasonably and significantly reduced.

We know that you have limited resources, and we know that you want to make sure that what steps you are taking are technically sound. SEAOSC is proud to introduce our Safer Cities Advisory Program, our way of providing the technical insights and creative minds of our membership to further our shared goals of reasonable and effective regulations and programs that make the difference.

Our program is based on a pool of qualified SEAOSC members, able and willing to review regulations and other programs such as a back-to-business program developed by you. Our members will volunteer their time to offer you recommendations to refine to your proposed regulations and programs. We want you to be successful with the implementation of your seismic safety initiatives; let us help you at no cost to you.

All you need to do now is ask for us to help: send us an email at seaosc@seaosc.org. We look forward to working with you.

Jeff

The Safer Cities Advisory Program is here to complement that great work you are already doing!

The Safer Cities Advisory Program complements your engagement of the structural engineering community. We strongly encourage Cities and other Southern California jurisdictions to engage structural engineers to assist you in determining your inventory of buildings that are highly vulnerable to seismic damage and develop proposed regulations for the retrofit of those structures. The Safer Cities Advisory Program is an option for you to have an independent, qualified review of your draft ordinances and programs. We are here solely to offer you insightful and expert advice from our highly qualified and vetted members.



Are you a City or other agency or SEAOSC Member interested in our program? If so, email, call, or write us at the following:

437 S. Cataract Ave., #4-B, San Dimas,
CA 91773 phone: (562) 908-6131
email: seaosc@seaosc.org

BUILDING CODES & STANDARDS COMMITTEE

Evaluation Service Update

IAPMO Uniform ES ([IAMPO UES](#)) Evaluation Criteria (EC) are developed by the IAPMO UES technical staff in consultation with alternative product manufacturers and with input from the public. New criteria and revisions to criteria are reviewed and approved by the IAPMO UES Evaluation Service Committee, consisting of code officials, during open public hearings following a process that involves requests for public input through their website. Product manufacturers follow the EC provisions for submitting test and other data to the evaluation service agency, who in turn evaluate the data and develop the resulting evaluation report. For those interested in the background information on building products, the Evaluation Criteria is useful resource.

IAPMO Uniform Evaluation Service has recently made available two evaluation criteria proposals for public comment:

EC-002, Proposed Revision titled *Joist Hangers and Miscellaneous Connectors*
 EC-027, New criteria titled *Helical Piles for Use Under the IRC*

The proposals are available for review and download [here](#).

ICC Evaluation Service ([ICC-ES](#)) Acceptance Criteria (AC) are developed by the ICC-ES technical staff in consultation with alternative product manufacturers and with input from the public. New criteria and revisions to criteria are reviewed and approved by the Evaluation Committee, consisting of code officials, during open public hearings or through an alternate process that involves requests for public input through their website.

ICC-ES solicits public input at their in-person [ICC-ES Evaluation Committee hearings](#) that are held in February, June and October, typically in Los Angeles, as well for as their [Alternative Criteria Development Process](#). The next request for public comments will be the beginning of April for their Alternative Criteria Development Process and then on April 19th for their June Committee hearing. SEAOC members and others are welcome to review and comment on these proposals.

Note that the SEAOC Evaluation Report Committee authored a Bluebook article, as a resource and free for SEAOC members, entitled "[An Evaluation of Current Practices Related to the Development and Implementation of Acceptance Criteria and Product Evaluation Reports](#)" (Article 01.10.010).

SEAOSC maintains an extensive committee structure of volunteer members developing and evaluating various structural engineering design philosophies and standards, as well as assisting building code officials in the development of building codes at the local, state and national levels.

For more information on SEAOSC Committees, visit the website [here](#).



EXISTING BUILDING COMMITTEE

SEAOSC L.A. Earthquake Hazard Reduction Ordinance Presentation to Korean Real Estate Brokers Association of Southern California

SEAOSC was asked to present on the Los Angeles Earthquake Hazard Reduction Ordinance by the Korean Real Estate Brokers Association of Southern California for their the Southern California Real Estate Forecast on Wednesday March 15th. SEAOSC Existing Buildings Committee members Garrett Hagen, SE, of Degenkolb Engineers, and David Funk, SE, of John Labib Associates, represented SEAOSC for this event, at which over 173 real estate professionals attended.



The presentation focused on the strengthening efforts Los Angeles has undertaken with the retrofit ordinance, what the next steps are for building owners, and the resources SEAOSC can provide such as our [L.A. Retrofit Ordinance FAQs](#) and [Find An Engineer](#) online tool. Examples of retrofits were shown, timeline requirements were discussed, and some general cost considerations were illustrated as well. A crucial point of concern for property transactions was discussed regarding how ordinance requirements may have an effect on loan requirements and property values.



CENTRAL CALIFORNIA

NORTHERN CALIFORNIA



SAN DIEGO

SOUTHERN CALIFORNIA

EXCELLENCE IN STRUCTURAL ENGINEERING 2017 SEAOC AWARDS

STRUCTURAL ENGINEERS ASSOCIATIONS OF CALIFORNIA



NEW for 2017! COMBINED EXCELLENCE IN STRUCTURAL ENGINEERING AWARDS PROGRAMS

Each year, the four SEAOC Member Organizations (MOs), through their respective **Excellence in Structural Engineering (EiSE) Awards** programs, give recognition to their members and firms for demonstrating outstanding achievement and excellence in structural engineering practice, project and research work. At the state level, the **SEAOC EiSE Awards** bring together projects, recognized by their local MOs, to celebrate the "Best of the Best", serving as models of excellence in structural engineering representing California structural engineers.

To truly celebrate outstanding achievement and significant contribution to the profession, and recognize **THE BEST OF THE BEST**, the SEAOSC and SEAOC Excellence in Structural Engineering Awards are now integrated into a single, two-tiered program. Your entry fee includes both the Regional and State EiSE Awards Programs. In order to participate in the State Awards program, you **MUST** first enter one of the Regional (SEAONC, SEAOSC, SEA OCC, SEA OSD) Awards programs. If your project receives an award in the Regional program, it will be entered into the SEAOC Awards program automatically with no additional fee.

To this end, **SEAOC and its Member Organizations** are announcing this **Call for Entries** and encourage eligible members to submit their projects for consideration in the 2017 EiSE Awards Programs. Entrants will submit projects through their local MO; SEAONC, SEAOSC, SEA OCC or SEA OSD. The **SEAOSC 2017** Awards will be recognized as a part of the June 7, 2017 **SEAOSC** monthly meeting and awards ceremony. *Entries receiving an Award of Excellence or an Award of Merit recognition at the regional level will be automatically elevated and entered into the State Awards program, with winners honored at the **SEAOC 2017 Annual Convention.***

[CLICK HERE FOR MORE INFORMATION AND ENTRY INSTRUCTIONS](#)

2nd Annual LOS ANGELES SEISMIC RETROFIT RESOURCE FAIR

APRIL 17, 2017, 3 pm - 8 pm

This event will provide information, materials, and resources for owners of soft-story and concrete non-ductile buildings who must comply with the recent mandatory retrofit ordinance for these types of buildings

LOS ANGELES CONVENTION CENTER

**Concourse Hall
1201 South Figueroa Street
Los Angeles, CA 90015**

City Hall representatives will be available to answer questions related to the soft-story and concrete non-ductile retrofit program. Experts in the financial, engineering, and construction fields will also be present to provide support and resources.

Register at:
<https://goo.gl/a6rR0f>

**For exhibitor and sponsor information,
contact us at:**
resilience@lacity.org

Please join:

The Office of Mayor Eric Garcetti

The Department of Building & Safety

**The Housing and Community
Investment Department**

PACE financing providers

Real estate investment services

Engineers

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and more!



For More Information:

<http://ladbs.org/soft-story> <http://hcidla.lacity.org> <http://lamayor.org/resilience-design>



**Structural Engineers Association
OF CALIFORNIA**

San Diego SEAOC 2017 CONVENTION



Call for Abstracts - 2017 SEAOC Convention

Abstracts are requested for papers to be presented as part of the Technical Program for the 2017 SEAOC Convention, to be held September 13 through 15, at the Hilton San Diego Resort & Spa at Mission Bay, San Diego, California.

Submissions across a wide range of topics related to structural engineering are encouraged. General topics could include resilience and building rating systems, new codes/standards/guidelines, new research, other natural hazards, green building design and sustainability. Abstracts about recent projects, design and professional practice are also welcome.

The abstracts chosen for presentation at the 2017 SEAOC Convention are required to submit a final technical paper that will be published in the SEAOC Convention Proceedings.

Interested presenters should upload an abstract of their paper (300 words or less) by **March 17, 2017**, via the Call for Abstracts form by clicking [here](#).

Webinar

2014 SOUTH NAPA EARTHQUAKE

Wednesday, March 29, 2017

12:00pm-1:00pm

[Click Here to Register](#)

LA Dinner Event

**STRUCTURAL ENGINEERING AND ITS
RISKS**

Wednesday, April 5, 2017

5:30pm

[Click Here to Register](#)

Training

**POST-DISASTER SAFETY ASSESSMENT
EVALUATOR TRAINING**

Saturday, April 8, 2017

8:00am-3:30pm

[Click Here to Register](#)

OC Dinner Event

**FINDINGS FROM THE SEAONC
STRUCTURAL ENGINEERING
ENGAGEMENT AND EQUITY (SE3) 2016
STUDY**

Wednesday, April 19, 2017

5:30pm

[Click Here to Register](#)

LA Dinner Event

**SEAOSC & ACI
JOINT MEETING DINNER**

Wednesday, May 3, 2017

5:30pm

[Click Here to Register](#)



WEBINAR: 2014 SOUTH NAPA EARTHQUAKE AFTER-ACTION RETROSPECTIVE

Date:
Wednesday, March 29, 2017

Time:
12:00pm – 1:00pm

Cost:
Members: \$75
Non-Member: \$150

For more Information,
visit seaosc.org

For help with registration,
contact the SEAOSC Office at
562-908-6131. We are here to
help!

Wednesday, March 29, 2017

12:00pm-1:00pm

[Register Here](#)

WEBINAR: 2014 SOUTH NAPA EARTHQUAKE

Over two years have now passed since the magnitude-6.0 South Napa earthquake. The event was the largest in the San Francisco Bay Area since the 1989 Loma Prieta earthquake. Ground shaking was significant with accompanying maximum Modified Mercalli Intensities between VIII and IX. Following the quake, many historical unreinforced masonry (URM) buildings in the Napa downtown area sustained damage. Now, two and a half years later, many of these buildings have been restored or are currently undergoing restoration efforts. Others are still awaiting restoration or are in limbo. This webinar will summarize the seismic restoration efforts that have occurred since the quake and will include a number of descriptive before and after (damaged vs. restored) profiles of noteworthy downtown Napa buildings. It will focus on general progress and highlight unique restoration efforts. The speaker is a member of the Structural Engineers of California's (SEAOC) Post-Disaster Performance Observation Committee (PDPOC) and was deployed to Napa following the earthquake to observe and survey the damaged area. In the years since, he has tracked ongoing restoration efforts.

PRESENTERS



Scott M. Adan, Ph.D., PE, SE, SECB
Principal, Adan Engineering

With over 25 years of experience, Dr. Scott M. Adan is a nationally recognized structural and earthquake engineer. He is a Principal with Adan Engineering and the Director of Seismic Assessment Services with the CBRE Group. His extensive experience and engineering background provide a keen ability to advise clients on matters related to seismic evaluation and earthquake design.



LA DINNER MEETING

APRIL 2017

Agenda:

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

6:30pm-7:00pm
Dinner

7:00pm
Panel Discussion

Cost:

Enroll on or before 3/29/17 for
Early-Bird Discount

Early Bird / Regular

Individual Tickets

Members: \$45 / \$55
Non-Member: \$55 / \$65
Students: \$25 / \$25

Reserve a Table of 8:

Member: \$385
Non-Members: \$455

Exhibit/Sponsorship Opportunity

Single Event: \$425
Package of 4 Events: \$1500
(limited to 10 sponsors total)

Includes:

- Exhibit Table
- 2 Exhibitor Tickets (incl. Dinner)
- 2 Dinner Tickets

[Click Here to Exhibit/Sponsor](#)

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Wednesday, April 5, 2017

Networking, Dinner & Panel Discussion

NOTE NEW LOCATION!

Almanson Court

700 South Almanson St, Alhambra, CA 91801

[Register Here](#)

PANEL DISCUSSION:

STRUCTURAL ENGINEERING AND ITS RISKS Risk Management for All Engineers

Six members on this panel, each with extensive expertise in their field, will respond to questions posed by the moderator and the audience. Questions are intended to educate us about potential risks and liabilities associated with day-to-day activities of structural engineers and their firms. Discussions will prepare us for these potential risks and how to minimize them. Topics covered include understanding key components of contracts for services, contract clauses to include and clauses to avoid, getting invoices paid and steps that can be taken to help ensure timely payment, standard of care, common situations leading to lawsuits, personal liability versus firm liability and more. This presentation is geared for attendance by every member of your firm.

Panelists include:

- Two construction law attorneys
- A professional liability insurance broker
- A representative of SEAOSC's Professional Practices Committee
- The president of a local structural engineering firm
- A structural engineer with experience in design and as an expert witness in lawsuits involving professionals in the construction industry.

PANELISTS

Brenda Radmacher, Partner, Wood, Smith, Henning & Bernal LLP

Eric Khodadian, Associate, K&L Gates

Gregg Brandow, PhD, P.E., S.E., Principal, Brandow & Nastar Inc.

Janah Risha, S.E., President, Risha Engineering

Jeff Croiser, S.E., Principal, Miyamoto International

Ken Wittman, Senior Vice President, Dealey Renton & Associates

MODERATOR

Bob Lyons, S.E., Principal, Risha Engineering



POST-DISASTER SAFETY ASSESSMENT EVALUATOR TRAINING

Presented By The SEAOSC Disaster Emergency Services Committee

Saturday, April 8, 2017

8:00am-3:30pm

Registration Opens at 7:30am. Continental Breakfast, Box Lunch and ATC 20-1 Field Manual Provided

The Grand Event Center

4101 East Willow Street, Long Beach, CA 90815

SEAOSC Members: \$140 | Non-Members: \$200

Click Here to [Register](#) or Visit website at www.seaosc.org

This training will provide a comprehensive overview of the California Office of Emergency Services (Cal OES) Safety Assessment Program (SAP), practical building 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 CalOES card.

Those already possessing a CalOES (California 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. Have your 5 digit badge number available to register. For more information, visit the Cal OES SAP at:

<https://w3.calema.ca.gov/RespRecover/sapreg.nsf/SAPRegistrationEval3?OpenForm>

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.



OC DINNER MEETING

Agenda:

5:30pm-6:30pm
Networking

6:30pm-7:00pm
Dinner

7:00pm
Presentation

Cost:

Enroll on or before 4/12/17 for
Early-Bird Discount

Early Bird / Regular

Individual Tickets

Members: \$45 / \$55
Non-Member: \$55 / \$65
Students: \$25 / \$25

Reserve a Table of 8:

Member: \$385
Non-Members: \$455

Exhibit/Sponsorship Opportunity

Single Event: \$425
Package of 4 Events: \$1500
(limited to 10 sponsors total)

Includes:

- Exhibit Table
- 2 Exhibitor Tickets (incl. Dinner)
- 2 Dinner Tickets

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For help with registration,
contact the SEAOSC Office at
562-908-6131. We are here to
help!

Wednesday, April 19, 2017

Networking, Dinner & Presentation

Wyndham Irvine-Orange County Airport
17941 Von Karman Ave, Irvine, CA 92614

[Register Here](#)

PRESENTATION: FINDINGS FROM THE SEAONC STRUCTURAL ENGINEERING ENGAGEMENT AND EQUITY (SE3) 2016 STUDY

In early 2016, the SE3 committee administered a nationwide survey of employee engagement and gender equity in the structural engineering profession, for which they received over 2,100 completed responses. The survey investigated a variety of measures of engagement (satisfaction) and equity regarding career advancement, compensation, and work-life balance. This presentation will share the most significant findings of the 2016 study, including why 56% of respondents have considered leaving the profession, the prevalence of the gender pay gap, and the importance of mentorship.

PRESENTER

Angie Sommer, SE

Associate, ZFA Structural Engineers



Angie Sommer is an Associate at ZFA Structural Engineers, a 60-person firm with five offices in the San Francisco Bay Area, where she currently focuses on projects in the educational and senior living sectors. She graduated from the Architectural Engineering (ARCE) program at Cal Poly San Luis Obispo (SLO) in 2005 and has since worked in SLO; Melbourne, Australia; and San Francisco. She is involved in a variety of industry organizations, including the SEAONC Seismology Committee Concrete Subcommittee and the San Francisco chapter of Commercial Real Estate Women (CREW SF), where she is currently the managing editor for the quarterly publication, The VIEW. She is the 2016-17 co-chair of the SEAONC Structural Engineering Engagement and Equity (SE3) Committee and was the lead author of the 2016 SE3 Survey Report, which can be found on the committee's website, SE3project.org. In her spare time, she helps people write wedding vows, speeches, and ceremonies via her business, Vow Muse, which was featured in the New York Times in June 2015.

SEAOSC Office: 562-908-6131 | seaosc@seaosc.org



SEAOSC & AMERICAN CONCRETE INSTITUTE JOINT DINNER MEETING - MAY 2017



American Concrete Institute
Always advancing

Wednesday, May 3, 2017

Networking, Dinner & Presentation

Luminarias Restaurant

3500 Ramona Blvd. Monterey Park CA 91754

[Register Here](#)

Agenda:

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

6:30pm-7:00pm
Dinner

7:00pm
Presentation

Cost:

Enroll on or before 4/26/17 for
Early-Bird Discount

Early Bird / Regular

Individual Tickets

Members: \$45 EB / \$55 Reg
Non-Member: \$55 EB / \$65 Reg
Students: \$25 EB / \$25 Reg

Reserve a Table of 8:

Member: \$385
Non-Members: \$455

Exhibit/Sponsorship Opportunity

Single Event: \$425
Package of 4 Events: \$1500
(limited to 10 sponsors total)

Includes:

- Exhibit Table
- 2 Exhibitor Tickets (incl. Dinner)
- 2 Dinner Tickets

[Click Here to Exhibit/Sponsor](#)

For more Information,
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For help with registration,
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PRESENTATION:

CONSTRUCTION OF THE WORLD'S TALLEST BUILDING: KINGDOM TOWER IN JEDDAH SAUDI ARABIA

Incoming President Khaled Awad will take a look at the construction of the world's tallest building, the 1 km tall Kingdom Tower in Jeddah Saudi Arabia. He will discuss the Quality Assurance and testing scope for the Kingdom Tower project and cover the challenging Quality Control tasks in extreme weather conditions and the difficulties faced in balancing the various concrete properties, namely pumpability, durability and modulus of elasticity on this record setting project. He will also speak about his goals as the incoming ACI President.

PRESENTER:

Khaled Awad

Chairman and Founder of ACTS



The next president of ACI, Mr. Khaled Awad, will be joining SEAOSC and ACI SoCal for our annual joint meeting on May 3, 2017. Mr. Awad is the Chairman and Founder of ACTS, a material and geotechnical consulting firm based in Beirut, Lebanon, and operating in Qatar, Saudi Arabia, and several other countries of the Middle East. He is an active member of ACI, serves on Certification

Programs Committee, International Advisory Committee, ACI Board Committee Chairs Committee, and the International Certification Subcommittee, of which he is a past chair, and is a Trustee of the ACI Foundation. He is a member of many ACI technical committees and received the ACI Henry L. Kennedy Award and the ACI Chapter Activities Award in 2007, and the ACI Certification Award in 2011.

SEAOSC ADVERTISEMENT & SPONSORSHIP OPPORTUNITIES

SEAOSC provides opportunities throughout the year for our industry partners to reach their target audience. There are three avenues available: advertising, exhibits and event sponsorship. Details and package discounts are available on the website. [Click Here](#) for more information.

Newsletter Advertising

SEAOSC publishes an electronic newsletter, SEAOSC News, which is posted online at www.seaosc.org in a color.pdf format. 11 issues are published annually on a monthly basis, with the exception of a single, combined issue for July and August. The newsletter is available on the public portion of the website.

NEW FOR 2017!

Job Wanted / Help Wanted Ads will be posted on the SEAOSC [website](#) for 30 days!

Website Advertising

Website banner ad with company website click-through for one month. Yearly and half-yearly banner ad packages also available. See more opportunities on the [website](#).

Exhibit Opportunities

SEAOSC invites our corporate colleagues to exhibit at our educational events and special programs as noted below. Cost includes one 6 ft. draped table, meal for up to 2 exhibit staff, 2 complementary tickets for exhibitors to give to non-SEAOSC members who may be interested in attending.

- Winter Education Programs (January 2017)
- Spring Education Programs (May 2017)
- SEAOSC Educational events – 4 opportunities available annually
- SEAOSC Summit (November 2016)

Sponsorship Opportunities

SEAOSC has special opportunities for additional sponsorships, vendors, and exhibitors at additional events and seminars throughout the year. Please see the events below and check the [SEAOSC Events Calendar](#) for the most up-to-date information!

- [Student Scholarships & Job Fair \(February\)](#)
- Winter Education Programs (January)
- Spring Education Programs (April/May)
- Annual Excellence in Engineering/Past President's Award (June)
- [Annual Golf Tournament \(August 2016\)](#)
- [SEAOSC Summit \(November 2016\)](#)
- [Monthly Dinner Meetings](#)



CLASSIFIED ADS

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Mid-Level Structural Engineer – Los Angeles

Founded in 1946, Buehler & Buehler Structural Engineers, Inc. (B&B) provides a wide range of structural engineering services throughout the United States. Headquartered in Sacramento, California, B&B has regional offices in Los Angeles, Phoenix and San Francisco with our newest office in Silicon Valley opening February 2017.

We are looking for a Structural Engineer committed to long term employment for our Los Angeles office. Desired level of experience is 3+ years of experience in structural design and analysis, California P.E. preferred. B&B offers a competitive salary and excellent benefits including medical, dental, vision, 401(k), profit sharing, paid holidays, vacation and sick time, life insurance, and annual bonuses, as well as the opportunity for advancement.

Opportunities available in our Sacramento, San Francisco and Silicon Valley offices as well.

Please submit cover letter, resume and references to resumes@bbse.com for immediate consideration.

BUEHLER & BUEHLER STRUCTURAL ENGINEERS

Structural Engineering Regional Manager

Buehler & Buehler Structural Engineers, Inc. is seeking a highly motivated individual to join our management team in our Los Angeles office. The successful candidate must be a California SE with 15 years' experience covering a broad spectrum of project types and an established commitment to the LA region. Candidates must possess excellent communication and relationship skills, be local to the region, and have a solid technical background, prior management experience, and the energy and drive to be part of B&B's growth in developing new opportunities in the Los Angeles area.

B&B is a progressive, design-oriented firm with a 70 year history of excellence. We are committed to continuously improve our level of service and quality of our work, and we achieve this through investing in the mentoring and professional growth of our staff.

Qualified applicants are invited to submit their cover letter, resume and references to resumes@bbse.com.

KNA STRUCTURAL ENGINEERS -- IRVINE

KNA Structural Engineers has immediate openings for motivated engineers at all experience levels. KNA specializes in structural engineering of educational, civic and healthcare facilities. We are located in Irvine just minutes from the Spectrum. KNA offers competitive compensation along with a comprehensive benefit package.

REQUIRED QUALIFICATIONS: BS-ARCE or BSCE (structural) from an accredited university, California seismic engineering background and proficiency with the California Building Code and other related codes. Experienced candidates should also have PE or SE license, OSHPD or DSA experience and working proficiency with Revit. Entry-level candidates are required to have EIT Certification.

PLEASE DO NOT RESPOND IF YOU DO NOT MEET THE REQUIRED MINIMUM QUALIFICATIONS. Qualified candidates are invited to submit their resume along with a cover letter on our website careers page (<https://knastructural.com/about/careers/>). For more information about our firm, please visit us at www.KNAstructural.com. NO PHONE CALLS PLEASE.

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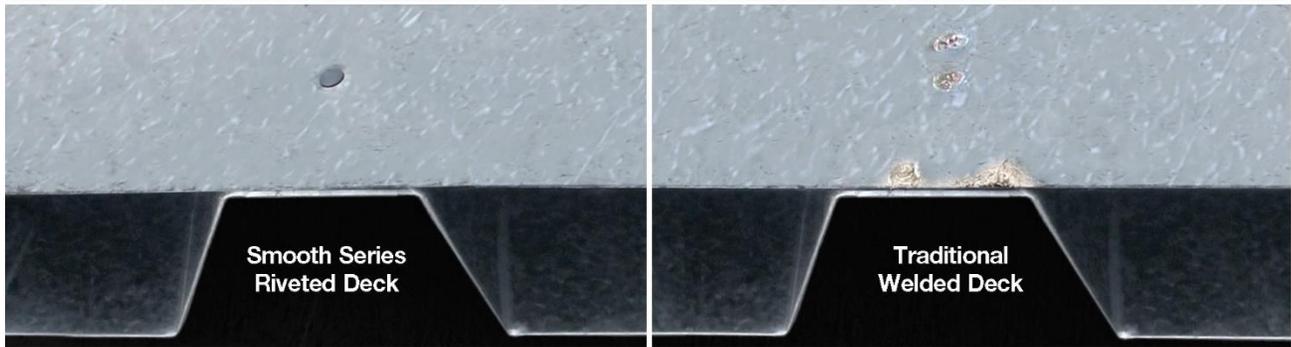
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Nemo Constructors experience with seismic renovation projects provides a perfect background for the renovations and refurbishments of commercial, industrial and delicate historic buildings. With over 30 years of experience in the greater Los Angeles and surrounding areas, President Steven L. Carter has provided the leadership and experience that has guided multiple projects. We approach each project with cooperative mindset, working with clients, architects and sub-contractors towards a successful completion of each project.

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BOARD OF DIRECTORS



Structural Engineers Association OF SOUTHERN CALIFORNIA

July 1, 2016 – June 30, 2017

The SEAOSC Board of Directors works on the behalf of our membership. If there are general or specific items you would like the Board to address or discuss please contact any of the Board members.

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victoriaw@dpr.com
949-955-3771

SEAOSC Executive Director

Dianne Ochoa

seaosc@seaosc.org

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

Committees	*Board Contact Chair(s)	Phone	Email
Membership	Victoria Wigle* Kerry Regan Christian Cody	949-955-3771 323-536-2363 323-907-2523	victoriaw@dpr.com kregan@bbse.com christian.cody@hilti.com
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Existing Buildings	Josh Gebelein* Daniel Zepeda	213-596-4500 213-596-5000	jgebelein@bjsce.com dzepeda@degenkolb.com
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Quality Assurance	Bob Lyons* James McDonald	818-729-9777 213 271-1912	blyons@risha.com jamcdonald@sgh.com
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Sustainable Design	Jeffrey Haight* Nina Mahjoub	805-963-1210 213-481-5630	jhaight@eshse.com nmahjoub@holmesculley.com
Summit	Victoria Wigle* David Williams Saeed Fathali	949-955-3771 213-596-4992 415-264-0029	victoriaw@dpr.com dwilliams@degenkolb.com sfathali@structuraltec.com

Please visit <http://seaosc.org/committees> to view the annual committee charges and tasks.