



Structural Engineers Association
OF SOUTHERN CALIFORNIA

SEAOSC NEWS

THE ANNUAL JOB FAIR & STUDENT SCHOLARSHIPS AWARDS NIGHT

Wednesday, February 1, 2017

Job Fair, Networking, Dinner, Keynote & Awards

Luminarias Restaurant

3500 Ramona Blvd. Monterey Park CA 91754

[Register Here](#)

Agenda:

3:30pm-6:30pm
Job Fair & Social Networking

6:30pm
Dinner

7:15pm
Keynote Speaker

8:15pm
Awards

Cost:
**Register on or before 1/25/17
for Early-Bird Discount**

Early Bird / Regular

Individual Tickets
Members: \$45 EB / \$55 Reg
Non-Member: \$55 EB / \$65 Reg
Students: Free
(Pre-Registration Required)

Reserve a Table of 8:
Member: \$385
Non-Members: \$455

**Student Scholarship
Sponsorships:**
Summa Cum Laude: \$1,000
Magna Cum Laude: \$500
Cum Laude: \$150

[Click Here](#) for details on
Sponsorships

For more information,
visit seaosc.org

PRESENTATION:

STRUCTURAL ENGINEERING: THE PROFESSION, THE GRANDEUR, AND THE GLORY

In this presentation, Ashraf shares his passion and enthusiasm for structural engineering, a profession whose grandeur and glory are worth celebrating! Indeed, it is because of the magic of structural engineering that ancient monuments are still standing and why breathtaking new structures—such as the Burj Khalifa in the UAE and the Bird's Nest Stadium in Beijing—can exist today.

Ashraf brings into focus the invaluable socio-economic contributions of this noble profession by recognizing its unmatched impact on humanity. He will highlight the ways in which the intellect and talent of structural engineers have literally saved millions of lives, protected property, preserved the past and built the future.

Ashraf also presents a compelling case for why Structural Engineering students should be exposed to the arts, public speaking, human psychology, and marketing and public relations so that they enter the professional world with a well-armed ability to communicate, collaborate and inspire.

You will leave with a renewed appreciation for the ways in which structural engineers make the world a better, safer, and more beautiful place to live for all of us today, and for countless generations to come.

KEYNOTE SPEAKER:



Ashraf Habibullah, SE
President and CEO
Computers & Structures, Inc.

Ashraf Habibullah is a registered Civil and Structural Engineer who graduated from the University of California at Berkeley in 1970. He founded CSI in 1975 and has led the development of CSI's products, including SAP2000 and ETABS, for the last four decades. Today, CSI is recognized globally as the pioneer in the development of software for structural and earthquake engineering. CSI's software is used by thousands of engineering firms in over 160 countries. Ashraf also has a keen passion for the arts. He is a co-founder of the Diablo Ballet and the founder of the Engineering Alliance for the Arts, an organization that involves school children with technology, focusing on the artistic aspects of bridge engineering.

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Find an Engineer!

Don't have your firm miss out on the public's increasing inquiries for engineering services and renew or register to use SEAOSC's online Engineer Finder!

[Check it out Here!](#)



SEAOSC NDC and SWOF Seismic Retrofit Design Guides on Sale Now!

[Click Here to Purchase](#)

Have you Renewed Your Membership?

[Click Here to Renew Now!](#)



Jeff Ellis, SE

Welcome to February! I hope your January was productive and that the efforts in which you were involved were worthwhile and successful as we start off in this new year. I'm excited about the SEAOSC February 1st Job Fair & Student Scholarship Award Night, one of our big and truly important events of the year! SEAOSC and the SEAOSC Foundation have been recognizing and supporting hardworking, talented and passionate engineering students from local universities with scholarships at this event for decades. It's not just worthwhile, but imperative for the continued success of our profession that we encourage students beginning their journey in the noble profession of structural engineering.

The Younger Members Committee, led by Noya Wang of SGH and Maria Mohammed of Structural Focus, have done a great job in planning the award night. This year Ashraf Habibullah, President, will give a passionate keynote presentation "Structural Engineering: The Profession, the Grandeur, and the Glory." The Job Fair is also a great time to engage interested job-seeking candidates and providing summer internships for students, which helps to mentor and grow our future. I truly hope that every SEAOSC member and their firms consider donating to the SEAOSC Foundation to support these efforts. Donations are accepted year round and may be made on the website of the SEAOSC Foundation, a 501(c)3 charitable organization. A hearty thank you to all those individuals and firms that have already contributed; you are continuing to foster the growth of our profession!

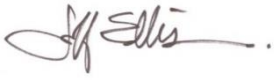
As I've mentioned before, our committees are the backbone of our Association. They and the Board identify crucial topics affecting the practice of structural engineering and the built environment and work to address them. They continue working on many important topics and initiatives. Take a look at our committee website to see their charges and determine which one you'd like to participate in and lend your voice and experience.

The Building Codes and Standards Committee, led by Michael Ciorte of DSA and Colin Kumabe, have agreed to manage the new and very crucial Safer Cities Advisory Program. This initiative provides support for our communities as they address structural issues, such as retrofit ordinances. The 2017 SEAOSC Strengthening Our Cities Summit Committee, led by David Williams of Degenkolb and Saeed Fathali of Structural Technologies, have already been working with the Summit Executive Committee developing the vision for the 2017 Summit. Reach out to them if you'd like to take part in one of our Associations largest education and outreach efforts.

The Education Committee, led by Dan Fox of MHP, planned our Winter Education Program for the last two Friday's in January and, as of the writing of this message, implemented the first one. It was a great success with important timely topics on the newly effective 2016 California Building Code and the SEAOSC design guides for Los Angeles seismic retrofit ordinance. Note that the SEAOSC retrofit design guides are a must have reference for those performing seismic retrofit for non-ductile concrete buildings and soft, weak and open-front wood buildings and are available at the SEAOSC online store with a SEAOSC member discount. We had over 100 attendees on the first Friday of this two day education series.

I'd like to offer the SEAOSC Board's deep appreciation for the efforts of our engaged members on our committees and for those who support our Association by coming to our monthly dinner meetings as well as our education and outreach programs. Take a look at our website's Event Photo Gallery for photos of past events. We strongly encourage our membership to participate as much as they can in our Association, supporting and working toward the greater good in an area of our expertise. Our voices are amplified and our work is better when we work together and we can indeed make a greater positive difference in our profession, industry and communities. I look forward to

see everyone at the February 1st Job Fair and Student Scholarship Awards Night as it will be a great event!



Jeff Ellis SE – SEAOSC President

SEAOSC January LA Dinner Event

[Click Here](#) to view the Event Gallery



MEMBER SPOTLIGHT



Kerry M. Regan, P.E.

Staff Engineer, Buehler & Buehler Structural Engineers, Inc.

Member Since: 2014

kregan@bbse.com

Current SEAOSC Role: Membership Committee Co-Chair

Favorite Movie: Gleason Documentary. It was incredibly touching and one of the best movies I have seen in a while.

Proudest Accomplishment: A highlight of this past year was being the first female skipper to compete and complete the Tri-points Regatta on a beach catamaran

Childhood Ambition: Lawyer, Writer or an Engineer

First Job: Babysitter

Why Join SEAOSC: Being a member is a great way to stay at the front of the industry. Networking with mentors and learning new concepts from seasoned engineers is an important experience for me as a new structural engineer.



Christian Cody

Structural Field Engineer, Hilti North America

Member Since: 2015

christian.cody@hilti.com

Current SEAOSC Role: Membership Committee Co-Chair

Favorite Movie: Back to the Future

Proudest Accomplishment: Degree in Civil Engineering

Childhood Ambition: Professional Baseball Player

First Job: House Painter

Why Join SEAOSC: Networking

WELCOME NEW MEMBERS!

Associate

Eugene Raymundo, Twining, Inc., Long Beach
Mohammad Aljazzar, Hohbach-Lewin Inc., South Pasadena

Member

Andy Alexander, Andy Alexander & Associates, El Segundo
Hooman Bayat, Rigid Design & Construction, Inc., Encino
Kermin Chok, Arup, Los Angeles
Mohsen Nasr, Walt Disney Imagineering, Glendale
Omar Sheikh, The Austin Company, Irvine
Siamak "Frank" Yazdani, Heyer Engineering, Fargo
Ted Krull, Los Angeles

Member SE

Mehdi Saberi, Saberi & Associates Inc., Laguna Hills

Young Associate

Arezoo Imani, Twining, Inc., Long Beach
Indushree Seshagiri Rao, Enclos Corp, Chino
Nick Sivushenka, IDG Structural Engineering, Inc., Los Angeles
Wenxiang Xu, JCE Structural Engineering Group, Pasadena

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.

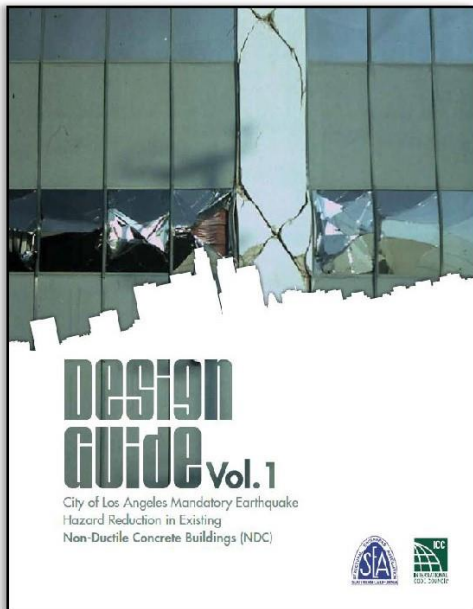
- Visit the [State of California Board for Professional Engineers and Land Surveyors \(BPELSG\)](#) website and use the [Online License Look-up Database](#) to verify an individual's license, search for local professional engineers in your county, and view any disciplinary actions that have taken place 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.

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.

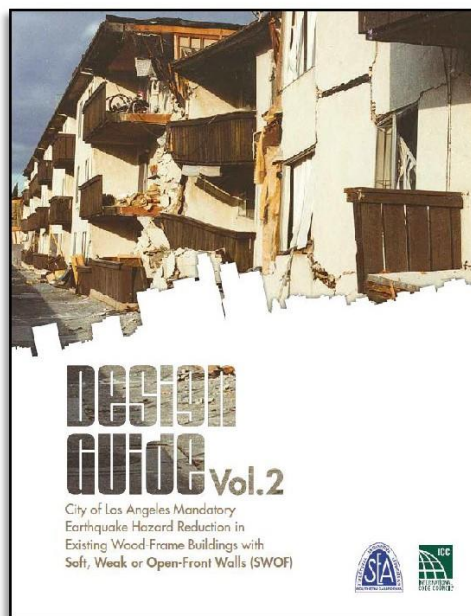
The publication of this design guide coincides with the end of the triennial code cycle, and was written for use with the 2017 *City of Los Angeles Building Code* based on the 2015 *International Building Code* and ASCE 41-13. This guide is an excellent resource for practicing professional engineers,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



Structural Engineers Association of Southern California Foundation

FOR IMMEDIATE RELEASE

CONTACT: Dianne Ochoa, Executive Director
562-908-6131

SEAOSC Foundation to Award Eight Scholarships to Southern California Engineering Students

Awards presented at SEAOSC Annual Job Fair & Student Scholarship Awards Night Feb. 1.

SAN DIMAS, Calif. (Jan. 20, 2017) – The Structural Engineers Association of Southern California Foundation is pleased to announce that it will award eight scholarships to outstanding Southern California engineering students at the 2017 Structural Engineers Association of Southern California (SEAOSC) Annual Job Fair and Student Scholarship Awards Night held Wednesday, February 1, 2017 in Los Angeles, California.

The call for scholarship award applications went out to many civil and structural engineering colleges and universities throughout Southern California including: California Polytechnic University San Luis Obispo, California Polytechnic University Pomona, California State University Northridge, California State University Los Angeles, California State University Fullerton, California State University Long Beach, , California Institute of Technology, Loyola Marymount University, University of California Los Angeles, University of California Irvine, and the University of Southern California. A total of \$12,500 in scholarships will be awarded this year.

Scholarships will be awarded at the SEAOSC Job Fair and Student Scholarship Awards Night which will take place on February 1, 2017 from 3:30 p.m. to 9:00 p.m. at Luminarias, 3500 Ramona Boulevard, Monterey Park. Click the following links to [register](#) or for more information on becoming a [sponsor](#).

“It is an important annual tradition for SEAOSC and the SEAOSC Foundation to recognize and support talented and hard-working student engineers in order to promote the high standards of our profession as well as its value,” said SEAOSC President Jeff Ellis, S.E. “The Structural Engineers Association of Southern California, founded in 1929, is the oldest structural



Structural Engineers Association of Southern California Foundation

engineering association in the world. SEAOSC and the SEAOSC Foundation have given out many tens of thousands of dollars in student scholarships over the years.”

“The SEAOSC Foundation is proud to award scholarships to these deserving civil and structural engineering students from southern California.” said SEAOSC Foundation Chairman Kevin O’Connell, S.E. “Through generous funding by engineering firms, industry supporters, and individuals, the SEAOSC Foundation will continue its purpose and advance the study of the scientific principles of structural engineering.”

This year’s scholarships were funded in part through the generous donations of sponsors, including significant donations from longtime annual supported the David and Margaret Narver Family, and Optimum Seismic, a locally based earthquake retrofit engineering and construction firm. Other companies giving donations include Fluor, Hilti, Miyamoto International, Simpson Strong-Tie Company Inc., STB Structural Engineers, Structural Focus, and Vulcan Materials Company.

ABOUT THE SEAOSC FOUNDATION:

The Structural Engineers Association of Southern California Foundation (SEAOSC Foundation) is a non-profit, 501(c)(3) corporation started in 2007. The SEAOSC Foundation, in its goals to further the development of the structural engineering profession, looks for partners, be it individuals, companies or corporations, to pursue structural engineering innovation and research for use in the public domain. The SEAOSC Foundation can assist in the development process of specific structural engineering research projects and publishing of any findings. The SEAOSC Foundation is dependent upon donations for its operation and funding of research.

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.

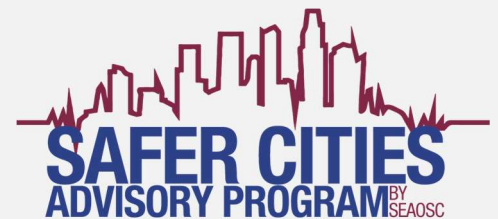
Our program is based on a pool of qualified SEAOSC members, able and willing to review regulations and other programs such as a back-to-business program developed by you. Our members will volunteer their time to offer you recommendations to refine to your proposed regulations and programs. We want you 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

MEMBERSHIP COMMITTEE

The SEAOSC Membership Committee is responsible for recruiting new members as well as for various membership events such as the Holiday Event and Membership Appreciation Event. Additionally, we have two subcommittees: the Golf Subcommittee and the Women in Structural Engineering Subcommittee.

We are currently performing surveys with senior engineers of Southern California firms to better understand their decisions regarding SEAOSC membership. We feel this is a valuable way to understand the industry and an opportunity to communicate the value. It may also inform us on how we may improve or add value in areas that engineering firms believe are most beneficial.

Most recently the committee was responsible for planning the SEAOSC Holiday Event. This was a major success, with special thanks to Computers and Structures Inc. for their gracious donation for the event. The Holiday Event was held on the top floor of Parkers Lighthouse with a great view of the Queen Mary and was a fantastic way to end the year!

We have some great ideas for the second half of our fiscal year, such as the annual Member Appreciation Event. We would like to have as much input as possible on possible events that you think would really be enjoyable and create some excitement. Currently we're looking to expand our team as it does take some planning and task assignment to really make an event come together. If you are interested in having input in planning SEAOSC events or recruiting new members to grow our association so we may make an even greater impact on our profession and communities, please reach out to Co-Chairs Kerry Regan and Christian Cody as new members are always welcome!

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](#).



Winter Education Program

**LA ORDINANCE AND THE 2016 CBC
CODE AND STANDARD UPDATE**

Friday January 20th & 27th, 2017
8:30am-5:00pm

[Click Here to Register](#)

Tri Counties Dinner Event

**RECONSTRUCTION AFTER THE NEPAL
EARTHQUAKE**

Tuesday, January 31, 2017
5:00pm

[Click Here to Register](#)

**The Annual Job Fair & Student
Scholarships Awards Night**

Wednesday, February 1, 2017
3:30pm

[Click Here to Register](#)

Webinar

SOFT STORY DESIGN GUIDE

Wednesday, February 15, 2017
12:00pm-1:00pm

[Click Here to Register](#)

LA Dinner Event

**WORK/LIFE BALANCE AS STRUCTURAL
ENGINEERS**

Wednesday, March 1, 2017
5:30pm

[Click Here to Register](#)



WINTER EDUCATION PROGRAM

Join Us For An Education Program on
LA Ordinance and the 2016 CBC Code and Standard Update

*Friday, January 20, 2017, 8:30am – 5:00pm &
Friday, January 27, 2017, 8:30am-5:00pm*

Registration Opens at 7:30am. Breakfast and Lunch is provided

Attendees will receive Design Guide Discount: \$8 off NDC & \$5 SWOF

The Grand Event Center

4101 East Willow Street, Long Beach, CA 90815

Attend One Day: \$215 (Member) or \$430 (Non-Member) | **Attend Both Days:** \$370 (Member) or \$740 (Non-Member)

Sponsorships: \$425: 2-day Tabletop Exhibit Display

****Students with valid ID receive 50% discount off Member price****

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

Session #1 – Friday, January 20, 2017, 8:30am-5:00pm (6 PDH Credits)

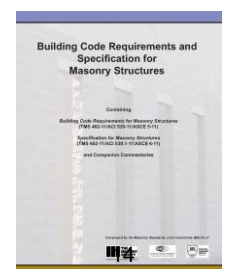
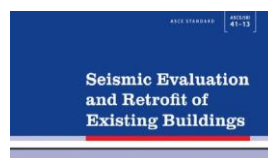
Topics:

- **Introduction to 2015 IBC/2016 CBC Code Updates** – by Alan Carr, S.E., Senior Staff Engineer, ICC
- **ASCE 41-13 vs ASCE 31-03 and 41-06** – by Daniel Zepeda, S.E., Principal, Degenkolb Engineers
- **A Preview of Major Changes in ASCE 7-16** – by S.K. Ghosh, PH.D, President, S.K. Ghosh Associates
- **LA Ordinance Discussion: Soft Story** – by Russell McLellan, M.S., Staff Engineer, Simpson Gumpertz & Heger; Andy Alexander, P.E., Principal, Andy Alexander & Associates; David Funk, S.E., Principal, John Labib & Associates; Henry Burton, Ph.D, S.E., Assistant Professor, UCLA; Jonathan Buckalew, S.E., Project Engineer, Nabih Youssef & Associates

Session #2 – Friday January 27, 2017 – 8:30am-5:00pm (7 PDH Credits)

Topics:

- **Wood Design Code Updates** – by Michelle Kam-Biron, S.E., SECB, Senior Director of Education, American Wood Council
- **The 2015 IBC/2016 CBC Masonry Design Code Updates** – by James Mwangi, Ph.D, S.E., Professor California Polytechnic State University San Luis Obispo
- **DSA/OSHPD Code Updates** – by M.R. Karim, S.E., SHFR, OSHPD & Ron LaPlante, S.E., Supervising Structural Engineer, DSA
- **LA Ordinance Discussion: Non-Ductile Concrete** – by Josh Gebelein, M.S., S.E., Associate Principal, Brandow & Johnston Structural & Civil Engineers; Gabriel Acero, M.S., S.E., Senior Associate, AECOM; Russell McLellan, M.S., Staff Engineer, Simpson Gumpertz & Heger





TRI-COUNTIES DINNER MEETING

Tuesday, January 31, 2017

Networking, Dinner & Presentation

Radisson Hotel Santa Maria

3455 Skyway Drive, Santa Maria, CA

[Register Here](#)

Agenda:

5:00pm-6:00pm

Registration & Networking

6:00pm-7:00pm

Dinner

7:00pm

Presentation

Cost:

Enroll on or before 1/24/17 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,
[visit seaosc.org](http://visit.seaosc.org)

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

PRESENTATION:

RECONSTRUCTION AFTER THE NEPAL EARTHQUAKE: CAL POLY ARCHITECTURAL ENGINEERING STUDENTS ARE ENGINEERING FOR HUMANITY

Following the 2010 Haiti earthquake, ARCE students at Cal Poly SLO organized themselves and formed the Structural Engineering Students for Humanity (SESH) to work on socially impactful humanitarian projects with an emphasis in structural engineering in third world countries. This presentation will focus on the latest SESH trip in 2016 to Nepal. Learn about the projects, logistics, funding, partnerships, and impacts to the communities.

PRESENTER:



Dr. James Mwangi

Professor, Cal Poly San Luis Obispo

Cal Poly San Luis Obispo

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 in Civil Engineering (structures).

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.

James is a member of the Structural Engineers Association of Central California, Earthquake Engineering Research Institute, American Society of Civil Engineers, the Structural Engineers Institute and active member of The Masonry Society (TMS), serving in the Technical Activities Committee and represents the seven western states in the TMS board of directors.

Dr. Mwangi is a certified Disaster Service Worker (Safety Assessment Program) for the State of California Emergency Management Agency. His other interests are in post-disaster structural mitigation and consulting structural engineering.



THE ANNUAL JOB FAIR & STUDENT SCHOLARSHIPS AWARDS NIGHT

Wednesday, February 1, 2017

Job Fair, Networking, Dinner, Keynote & Awards

Luminarias Restaurant

3500 Ramona Blvd. Monterey Park CA 91754

[Register Here](#)

Agenda:

3:30pm-6:30pm

Job Fair & Social Networking

6:30pm

Dinner

7:15pm

Keynote Speaker

8:15pm

Awards

Cost:

**Register on or before 1/25/17
for Early-Bird Discount**

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PRESENTATION:

STRUCTURAL ENGINEERING: THE PROFESSION, THE GRANDEUR, AND THE GLORY

In this presentation, Ashraf shares his passion and enthusiasm for structural engineering, a profession whose grandeur and glory are worth celebrating! Indeed, it is because of the magic of structural engineering that ancient monuments are still standing and why breathtaking new structures—such as the Burj Khalifa in the UAE and the Bird's Nest Stadium in Beijing—can exist today.

Ashraf brings into focus the invaluable socio-economic contributions of this noble profession by recognizing its unmatched impact on humanity. He will highlight the ways in which the intellect and talent of structural engineers have literally saved millions of lives, protected property, preserved the past and built the future.

Ashraf also presents a compelling case for why Structural Engineering students should be exposed to the arts, public speaking, human psychology, and marketing and public relations so that they enter the professional world with a well-armed ability to communicate, collaborate and inspire.

You will leave with a renewed appreciation for the ways in which structural engineers make the world a better, safer, and more beautiful place to live for all of us today, and for countless generations to come.

KEYNOTE SPEAKER:



Ashraf Habibullah, SE

President and CEO

Computers & Structures, Inc.

Ashraf Habibullah is a registered Civil and Structural Engineer who graduated from the University of California at Berkeley in 1970. He founded CSI in 1975 and has led the development of CSI's products, including SAP2000 and ETABS, for the last four decades. Today, CSI is recognized globally as the pioneer in the development of software for structural and earthquake engineering. CSI's software is used by thousands of engineering firms in over 160 countries. Ashraf also has a keen passion for the arts. He is a co-founder of the Diablo Ballet and the founder of the Engineering Alliance for the Arts, an organization that involves school children with technology, focusing on the artistic aspects of bridge engineering.



WEBINAR: SOFT STORY DESIGN GUIDE

Date:
Wednesday, February 15, 2016

Time:
12:00pm – 1:00pm

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

For more Information,
visit seaosc.org

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

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

Wednesday, February 15, 2016

12:00pm-1:00pm

[Register Here](#)

WEBINAR: SOFT STORY DESIGN GUIDE

The objective of the design example is to demonstrate the basic steps to retrofit an existing wood frame building subject to the Los Angeles Ordinance 183983 and 184081, which amends Division 93 titled: "Mandatory Earthquake Hazard Reduction in Existing Wood-Frame Buildings with Soft, Weak, or Open-Front Walls", referred to as "the Ordinance" in this document. It is important to point out that the example was created based on the latest draft of the Ordinance 183983 dated October 13, 2015, effective on November 22, 2015 and amended with Ordinance 184081 on January 28, 2016. Given that there may be amendments or slight alterations from this version, certain design requirements may differ in subsequent versions of the Ordinance.

The example demonstrates a prescriptive Ordinance-based approach to retrofit a building with an open-front wall line. Also discussed within the design guide are how capacity based design principles can be applied to wall line retrofits. Following the example of the prescriptive approach, a demonstration is given showing how FEMA P-discussion of key aspects of the Ordinance including the timeline, scope, and responsibilities of the design professional. Also provided are practical considerations that give design professionals insight into how to avoid/overcome design and constructability challenges.

PRESENTERS



David Funk, S.E.
John Labib + Associates Structural Engineers

David Funk, S.E., a graduate from University of Southern California, joined John Labib + Associates Structural Engineers as a partner and principal in 2011. David brings technical excellence, top notch communication and management skills compounding JLA's thriving success. His passion for innovative problem solving and positively infectious personality are keys to his rapid success in the industry. David has completed the seismic retrofits of many soft-story and non-ductile concrete building throughout Los Angeles. His extensive experience in Type III and V construction as well as non-ductile concrete building retrofit and adaptive reuse conversion led to his involvement with SEAOSC's the Existing Building Committee where he is a key contributing member.



Andy Alexander, P.E.
Andy Alexander & Associates

Andy Alexander, P.E., a master's graduate from California Polytechnic State University in San Luis Obispo and Principal of Andy Alexander & Associates. Andy has extensive experience in the design of light framed structures including high-end residential, multi-family residential, commercial, and soft story retrofit projects. He is currently in charge of several ground up construction and retrofit projects including those with soft-story deficiencies. Andy's alignment of skills and passion in this area have led to his involvement with SEAOSC's Existing Building Committee where he has contributed to the team's latest publication relating to the City of Los Angeles' Soft Story Retrofit Ordinance.



LA DINNER MEETING

MARCH 2017

Agenda:

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

6:30pm-7:00pm
Dinner

7:00pm
Panel Discussion

Cost:

Enroll on or before 2/22/17 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

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(limited to 10 sponsors total)

Includes:

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- 2 Dinner Tickets

[Click Here to Exhibit/Sponsor](#)

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For help with registration,
contact the SEAOSC Office at
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Wednesday, March 1, 2017

Networking, Dinner & Panel Discussion

Luminarias Restaurant

3500 Ramona Blvd. Monterey Park CA 91754

[Register Here](#)

PANEL DISCUSSION:

WORK/LIFE BALANCE AS STRUCTURAL ENGINEERS

Do you or your employees have happy healthy work-life balance? Work-life balance is a concept including proper prioritizing between "work" (career and ambition) and "lifestyle" (health, pleasure, leisure, family and spiritual development/meditation). Many firms are recovering from the recession and are challenged with tight deadlines, limited budgets and limited availability of qualified engineers. All of which can contribute to a stressful work environment and the need to be able to juggle the demands of a career and a personal life. The balance between work and life can be very different for people depending on various needs and desires as well as where one is in their career.

The March dinner meeting, which is curated by SEAOSC Women in Structural Engineering group, will provide some insight to this very important topic. The dinner meeting will consist of a panel discussion with six industry professionals from various firms in the Southern California who are at different stages of their career. The panelists have been specifically selected to provide a wide range of perspectives and wisdom on work/life balance in this growing and demanding work environment.

PANELISTS

Marcia Brown, S.E., Civil, Structural, Architectural Dept. Manager, FLUOR

Jan Douglas, S.E., Associate, KPFF

Kevin O'Connell, S.E., Associate Principal, Simpson Gumpertz & Heger

Jacob Rodriguez, S.E., Vice President, Nabih Youssef & Associates

Ryan Smith, S.E., Western Regional Business Manager, SidePlate

Noya Wang, P.E., Staff II, Simpson Gumpertz & Heger

MODERATOR

Vivian Peña, S.E., Senior Staff I, Simpson Gumpertz & Heger

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.

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
BUEHLER & BUEHLER STRUCTURAL ENGINEERSMid-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.

THE LFZ GROUP

Lord, Ficks, Zayed & Associates, Inc.
Seismic Engineering Associates, Ltd.

For over 40 years, the LFZ Group has been at the leading edge of providing Seismic Risk Assessment services and designing innovative, cost effective seismic retrofit solutions using state-of-the-art technologies for a wide range of building types.

We are looking to add forward-thinking, motivated engineers to our staff who are interested in improving the seismic safety of our community.

Qualifications:

- 5 Years of Experience in Wood, Steel & Concrete
- Licensed California PE or SE
- Seismic Retrofit Design Experience Preferred
- Proficient in ETABS, AutoCad / Revit, Excel, SAFE
- Positive Outlook and Good Communication Skills

Send Resume to lfzgroup@lfzgroup.com

BUEHLER & BUEHLER STRUCTURAL ENGINEERS

Buehler & Buehler Structural Engineers, Inc. is seeking a highly motivated individual to join our management team in our Los Angeles office. B&B's growth into new regions and market sectors has created opportunities for a senior structural engineer looking to grow to a new level in their career aspirations. 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.

DOYLE-MORGAN STRUCTURAL ENGINEERING (DMSE)

This is a great opportunity for motivated and highly qualified individuals to join our team and be a significant contributor to DMSE's continued success. Our client base remains loyal and continues to grow through the reputation and excellence of our skills and delivery within a unique geographical area.

DMSE is a small firm with a specialized portfolio concentrated in high-end custom residential homes and estates, together with a wide variety of other select clientele. (As seen on our website).

Structural Engineer: This is a job for an experienced structural engineer that is passionate about his/her skills and making a contribution to the firm in a meaningful way. (Licensed P.E. 3+ years structural engineering)

Entry-Level Structural Engineer: We are willing to train an experienced EIT to the needs of our practice. You must also be proficient with AutoCAD and Revit.

Reply to: information@doyle-morgan.com.



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“THIS IS OUR BUSINESS, THIS IS OUR COMMITMENT.”

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Structural Engineers Association OF SOUTHERN CALIFORNIA

July 1, 2016 – June 30, 2017

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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.

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