



# SEA - NEWS

A Publication of SEAOSD - Structural Engineers Association of San Diego

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## 2016-2017

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### **In This Issue**

#### January 17, 2017 SEAOSD Member Luncheon

Join us on January 17, 2017 Member Luncheon!

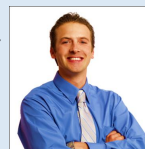
"2013 TMS 402/602, What's New?"

Kurt Siggard, Executive Director, Concrete Masonry Association of California and Nevada

Mr. Siggard has been Executive Director of the Concrete Masonry Association of California and Nevada (CMACN) since 2006. Prior to joining CMACN, Mr. Siggard worked in senior management

A Message From  
Your President

Happy New Year to the SEAOSD membership, I'm looking forward to a great 2017. I hope everyone took some time over the holidays to step away from work and spend some time with their families. We have much to look forward to with the 2017 SEAOC Convention being hosted in San Diego this year! I hope you've all made resolutions to get more involved in SEAOSD this year. The Convention committee or any of our other active committees are still in need of more volunteers. If you are one of those that like to lead an effort, we're currently looking for a Membership and a Continuing Education committee chair. Please reach out to me or any of the other Board members if you're interested in getting involved.



We had a very well attended joint meeting with ASCE where Paul Morel and Karibia Baillargeon from Kleinfelder gave a great presentation on the "The Cross Border Xpress (CBX) Terminal Building and Pedestrian Skybridge" that gives the US access to the Tijuana airport. Our next member meeting is coming up on Tuesday, January 17th and will be a lunch meeting back at Stone Brewery Liberty Station. The topic will be "2013 TMS 402/602, What's New?": presented by Kurt Siggard, Executive Director, Concrete Masonry Association of California and Nevada.

We hope you'll join us for this lunch meeting.

Michael Braund, S.E.  
President@SEAOSD.org  
SEAOSD President  
2016-2017

### **2017 SEAOC CONVENTION**

Calling for Members within your companies to join us as we plan the 2017 SEAOC Convention and SEAOSD's 50th Anniversary Celebration! The SEAOC Convention will be hosted at the beautiful Hilton San Diego Resort & Spa in Mission Bay.

positions for over twenty years in the fields of geotechnical engineering, materials testing, construction inspection, and construction management. During that time he spent ten years as an Associate Professor teaching courses in construction materials and inspection. Mr. Siggard currently serves on several state and national committees related to the concrete masonry industry.

"2013 TMS 402/602, What's New?"

\* TMS 402/602-13 Changes

\* Reorganization

\* Technical Changes

\* Unit Strength Table

\* Specified Compressive Strength

\* Maximum Reinforcement

\* Lap Splices

\* Partially Grouted Shear Walls

\* Modulus of Rupture Values

\* Mechanical Splices

\* Welded Splices

\* Alternative Materials

\* Alternative Configurations

\* High SCM Grout Mixes

\* Review, Wrap-up, and Questions

TIME: Registration: 11:30 am /  
Lunch: 12:00 pm / Program:  
12:15pm /

Questions 1:15pm

COST: SEAOSD Members:  
\$30.00 / Non-Members:\$40.00  
/

## Passionate about Structural Engineering? Share your enthusiasm with future engineers through the University SEAOSD Mentoring Program.

- **INVITE** Structural Engineering Students from local Universities to visit your firm and work with you for 2-4 hours. Job shadowing gives students an opportunity to spend time observing engineers and learning more about professional roles related to their major.
- **EDUCATE** students about the professional world of Structural Engineering. As a mentor, you will have the opportunity to offer advice and tools to help your student assess his or her strengths and seek out opportunities to grow in areas that need improvement.
- **INSPIRE** talented members of the up and coming Structural Engineering work force. Students are eager to hear about your "real life" career experiences, talk about challenges, as well as success. Additionally, students seek advice on how to shape their "life after college".

Examples of ways to introduce students to the workplace and profession:

- Give a tour of your office or job site and work space
- Show them examples of types of projects you have worked on

Examples of office tasks that students can perform include:

- Quantity take-offs
- Verifying survey data on plans
- Computing dead loads
- Simple flexure and shear computations

Note: It is not intended for students to perform billable work, rather replicate work.

Please fill out the attached mentor registration form. Registration forms are continuously accepted.

For questions, email Sabina Piras at [sabina.piras@tylin.com](mailto:sabina.piras@tylin.com)

[Click here for the application](#)



Students \$10.00/Fellow & Life  
\$20

PAYMENT: Cash, check or credit card. Checks made payable to SEAOSD. You may mail your check in advance to P.O. Box 712922 Santee CA 92072.

PLACE: Stone Brewery Liberty Station, 2816 Historic Decatur Rd. #116, San Diego, CA 92106

RESERVATIONS: MUST be received by Thursday, January 12th, Noon. If you choose to walk-in the day of the Lunch, please be advised that your meal is not guaranteed and an additional charge of \$5 will be added to the cost of the lunch.

If you make a Lunch reservation and fail to attend you will be invoiced. By Phone: 619-733-2734 E-Mail: secretary@seaosd.org, or by responding to the email invitation.

CANCELLATION: Please CANCEL your reservation(s) at least 24 hours in advance if you are UNABLE to attend.

[Click here to Register](#)

Mark your Calendars for our next Member Dinner Meeting (Student Night) February 21, 2017, will be our next meeting. More information to follow soon.

### New Member Applicant Postings

Riley Stauffer - Associate

## USRC Certification & New Membership Opportunities

The US Resiliency Council (USRC - [www.usrc.org](http://www.usrc.org)) is pleased to announce two important new opportunities as it launches its rating system for the earthquake performance of buildings.

1. Join the USRC as we embark upon our mission to implement meaningful rating systems that describe the performance of buildings during earthquakes and other natural hazards.
2. Apply to become a USRC Certified Rating Professional and/or Certified Rating Reviewer to perform and review USRC ratings.

New membership opportunities and benefits are described at [www.usrc.org](http://www.usrc.org), where you can join online.

[TO READ MORE CLICK HERE](#)

### COMMITTEE ROSTER

Your 2016-2017 Committee Roster

[CLICK HERE](#)

### JOB FORUM December



#### GSSI Engineers

*GSSI Engineers has an immediate opening in their San Diego office for a Design Engineer/Project Manager. GSSI Engineers, founded in 2003, is a mid-level structural engineering firm specializing in commercial, hospitality and industrial projects. At GSSI, engineers have the responsibility for complex projects from initial conceptual design through construction resulting in accelerated professional development and career satisfaction.*

*Minimum requirements include California PE license with minimum 3 years of experience in structural design and analysis. Strong Steel and concrete design experience is desirable. Excellent salary and benefit package. Unlimited opportunity for professional growth.*

*Please email resume to Cindy Austin at [caustin@gssi-se.com](mailto:caustin@gssi-se.com) or mail to GSSI Engineers, 3969 First Avenue, San Diego, CA. 92103.*

## Company Sponsorship Opportunities

SEAOSD Advertisement Policy  
- 2016/2017

Job Forum Postings

Advertisements  
\* Business Card in Professional  
Directory

Annual Sponsorship Program  
Annual Events

Payment Information:

- \* All advertisements are to be prepaid.
- \* Send checks and advertisement material directly to the Executive Director prior to the deadline.
- \* Make checks payable to the Structural Engineers Association of San Diego (SEAOSD). Upon request, credit card payments will also be accepted.
- \* For further information, please contact the Executive Director (contact information below).

[Click here to see the  
Advertisement Policy for 2016-  
2017](#)

## 2017 SEAOC Convention

It may seem far away, but the 2017 SEAOC Convention in San Diego, is just around the corner! It will be held at the Hilton San Diego Resort and Spa at Mission Bay on September 12-17, 2017. If you are interested in joining the committee contact Steve Kerr at



*KPFF offers a comprehensive benefits package, and a supportive environment where every employee is an important part of the team. If this sounds like the right place for you, please submit your cover letter, resume and references (2-3) through the links below. Qualified applicants only, and no phone calls please. KPFF is an equal opportunity employer.*

*Position - Structural Engineer (Experienced 3-8 yrs.) - San Diego, CA*

*Apply Here: [chc.tbe.taleo.net/chc05/ats/careers/requisition.jsp?org=KPFF\\_2&cws=63&rid=271](http://chc.tbe.taleo.net/chc05/ats/careers/requisition.jsp?org=KPFF_2&cws=63&rid=271)*

*Position - Structural REVIT/AutoCAD Drafter (Experienced 2+ yrs.) - San Diego, CA*

*Apply Here: [chj.tbe.taleo.net/chj04/ats/careers/requisition.jsp?org=KPFF\\_2&cws=63&rid=439](http://chj.tbe.taleo.net/chj04/ats/careers/requisition.jsp?org=KPFF_2&cws=63&rid=439)*



*Saiful Bouquet Structural Engineers, an award-winning firm with offices in Pasadena and San Diego, currently has an opening for a structural engineer in the San Diego Office. We are seeking a qualified and motivated individual who is interested in experiencing the challenge and pride that comes with being responsible for a variety of projects from unique new buildings to the strengthening of existing structures.*

*Opportunity is available for a Project Engineer/Senior Engineer with 8 years minimum experience. Master's degree preferred. Must have DSA experience and possess a California P.E. License - Licensed S.E. is a plus!*

*Applicants should have strong communication/people skills along with a collaborative personality!*

*Must have experience in a wide variety of structural materials and building types with emphasis on steel and concrete.*

*We offer competitive compensation, benefits package, and a collaborative working environment that promotes professional growth and development.*

*Please email here for more information: [careers@saifulbouquet.com](mailto:careers@saifulbouquet.com)*

## Younger Member Forum

If you are 35 or under and would like to participate in the SEAOSD YMF activities, contact YMF Chair, Jacqui Le. He will let you know about upcoming YMF events and add you to the mailing list.

**Jacqui Le**  
**KPFF**

[Click here to email](#)

## Quick Links

[Our Website](#)

[Job Forum](#)

[Events](#)

## Professional Directory



**ADRIANO "A.B." BORTOLIN**  
District Manager/Senior Sales Engineer - Refurbishment, Sealing & Bonding

**SIKA CORPORATION**  
261 Polite Avenue - Lyndhurst, NJ 07071

**PERSONAL OFFICE**  
3010 Azahar Street - Carlsbad, CA 92009  
Office: 760 632 1637 - Cell: 619 871 7452 - Fax: 760 632 1637  
bortolin.adriano@us.sika.com - usa.sika.com

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[www.utelite.net](http://www.utelite.net)



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\*\*

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

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

Click Here to [Register](#) or Visit website at [www.seaosd.org](http://www.seaosd.org)

**SEAOSD Members need to select the "SEAOSD Member" field and use the code "SEAOSD" in order to register at the member rate!**

## Special Discount for SEAOSD Members

San Diego Business Journal is offering a discount to SEAOSD

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## 2017 Calendar

**Stone Brewery**  
**2816 Historic Decatur Rd.,**  
**Bldg. 1, #116**  
**San Diego, CA 92106**

Tuesday, February 21, 2017  
 Student Night!

Tuesday, March 21, 2017 Member  
 Luncheon & Joint meeting with ACI  
 San Diego!

Monday, April 17, 2017 is our  
 Annual Golf Tournament at Twin  
 Oaks!

Tuesday, April 18, 2017 Member  
 Dinner!

**\*\*Meeting sponsorship  
 opportunities available for the  
 2017 meetings. Contact  
 secretary@seaosd.org for more  
 details. Future meeting details  
 will be posted on the website  
 ([www.seaosd.org](http://www.seaosd.org)) as they  
 become available.**

members for new subscribers. Please click on the link below to find out what is included in the yearly subscription, sign up, and receive the discounted price of \$69.

<https://www.pubservice.com/SUBNEW1PAGE.aspx?PC=SD&PK=J68SES>

## SCSE at UCSD 12th Annual Career Fair January 27, 2017

[Click here for more details](#)

## SE Research Showcase Day February 23, 2017

The Structural Engineering Department at UC San Diego is one of the top academic and research entities in the field. Being the only standalone Structural Engineering program in the nation, our research spans a diverse range of structural materials, types, length scales, and application areas. The breadth of research activities can be broadly categorized into six core areas: Aerospace Structures & Advanced Composites; Civil Structures; Computational Mechanics; Geomechanics; Mechanics & Materials; and Structural Health Monitoring.

[Click here for more information](#)



Progressive  
 Multi-Family Design  
 New Opportunities for  
 Light-Frame Mid-Rise Structures

**Earn 4**  
 AIA/CES LUs  
 or PDH credits

Photo Bruce Damonte

Wednesday, February 14, 8:30 AM to 2:00 PM @ Stone Brewery in  
 Liberty Station

Hosted by WoodWorks - The Wood Products Council, this workshop will introduce a new California Building Code allowance for additional stories in podium structures and review specific ways it can impact building designs. Referencing built projects and common design techniques, discussion will cover fire-rated detailing, wood shaft walls, and cost-effective integration of mass timber into light wood-frame projects. Attendees will qualify for 4 AIA/CES LUs or PDH credits.

[Click here to register](#)

## SEAOSD Board of Directors Meeting

The SEAOSD Board of Directors normally meets the second Tuesday of every month. The January Board of Director's meeting will be held on Tuesday, January 15, at 10:00 AM at the Stone Brewery. If you have an issue to bring before the Board please let a member of the Board know so that it can be placed on the agenda. The past agendas/minutes can be viewed on the SEAOSD webpage at <http://www.seaosd.org>.

Send correspondence to:  
SEAOSD, P.O. Box 712922, Santee,  
CA 92072, (619) 733-2734 or  
email [secretary@seaosd.org](mailto:secretary@seaosd.org).

### SEA-NEWS Deadlines

February 2017	01/20/17
March 2017	02/20/17
April 2017	03/20/17
May 2017	04/20/17

These dates are subject to change.  
You may contact the Editor:

*Heather*  
[secretary@seaosd.org](mailto:secretary@seaosd.org)  
Phone: 619-733-2734  
c/o SEAOSD  
P.O. Box 712922, Santee CA 92072

All submissions must be given to the Editor by **12:00 PM** the day of the deadline to allow time for formatting and printing.

Thank you,  
**SEAOSD Publications Committee**