



# SEA - NEWS

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## In This Issue

### November 15, 2016 SEAOSD Member Dinner

Join us on November 15, 2016 for some free drinks, committee updates and seminar!

#### Soft Story Retrofit Ordinances and Solutions:

Annie Kao, PE is a senior field engineer for Simpson Strong-Tie

#### Abstract:

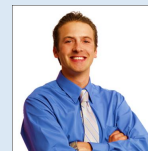
Soft story structures, wood-frame buildings that have large openings on the first story, present a seismic hazard due to the vulnerability of these types of buildings to collapse. The City of Los Angeles recently passed a mandatory soft-story retrofit ordinance that is targeting 13,500 buildings at risk. The presentation will cover the history of soft-story structures and associated safety concerns, proposed building ratings systems and back to business programs and proposed solutions including prefabricated shear walls, moment frames, and proprietary fasteners and anchors that can make retrofit more cost-effective and easier to perform.

We will also discuss how the Structural Engineers Association of Southern California (SEAOSC) is hosting its annual Strengthening Our Cities Summit to discuss how structural engineers can partner with jurisdictions to improve building performance.

#### Speaker Biography:

Annie Kao, PE is a senior field engineer for Simpson Strong-Tie, where she connects and educates engineers, architects, building officials, and contractors on design

#### A Message From Your President



After attending the SEAOC Convention in Maui a couple weeks ago, I'm reminded of how important it is to attend the Convention each year and stay involved with SEAOC/SEAOSD. Not only does it include the top of the industry speakers from around the globe, but there's also interaction with engineers from different regions and backgrounds at the social events. Our member organization is up next, hosting the 2017 SEAOC Convention at the Hilton Mission Bay on September 13th through 15th. I'm happy to say Past-Chairs Steve Kerr (Chair 2009) and Wendee Sullivan (Chair 2013) have stepped up to co-chair the 2017 Convention. They still need a few committee members to help make our region's event successful, so please contact Steve Kerr ([skerr@jwa-se.com](mailto:skerr@jwa-se.com)) if you're interested in helping out.

We had a very well attended October meeting, so I'd like to give a special thanks to all that attended. Ron LaPlante gave a great overview on the DSA and even some OSHPD updates coming in the 2016 CBC, including some mapping of the existing building provisions with Chapter 34 being replaced with the California Existing Building Code (CEBC). Our next member meeting is on Tuesday, November 15 and will be a dinner meeting at Stone Brewery Liberty Station. This is a member and committee chair appreciation meeting with a FREE drink included in registration to properly enjoy our meeting venue. To help offset the cost, Simpson Strong-Tie will be sponsoring the meeting and also giving a brief presentation. The topic is "Soft Story Retrofit Ordinances and Solutions" presented by Annie Kao, PE. Annie is a senior field engineer for Simpson Strong-Tie. Prior to joining Simpson Strong-Tie in 2006, she worked as a project engineer for a structural engineering consulting firm in Irvine, CA. She is currently serving as co-chair for the 2016 SEAOSC Strengthening Our Cities Summit, an annual event to promote building resiliency in Southern California. Annie's presentation is timely with ordinances in the Bay area and LA, and talks of potential ordinance in other Cities including San Diego. On a related note, the SEAOC Board of Directors has recently issued a position statement on partial retrofits, such as the soft-story ordinances, in the September SEAOC Talk entitled "Engineering Services of Limited Scope - Voluntary and Mandatory Partial Seismic Retrofit." (<http://seaoc.org/news-publications/engineering-services-limited-scope-voluntary-and-mandatory-partial-seismic>). After Annie's presentation, we've invited all committee chairs to attend the dinner for free and give a brief update on current committee activities. We hope you'll join us for this dinner meeting.

This is the last call before late fees. If you haven't done so already, please take the time to renew your membership.

Michael Braund, S.E.  
[President@SEAOSD.org](mailto:President@SEAOSD.org)  
SEAOSD President  
2016-2017

and product solutions for wood, concrete, steel, and masonry construction in the Southwest region of the US. Prior to joining Simpson Strong-Tie in 2006, she worked as a project engineer on commercial and multi-family projects for a structural engineering consulting firm in Irvine, CA. She is currently serving as co-chair for the 2016 SEAOSC Strengthening Our Cities Summit, an annual event to promote building resiliency in Southern California. She is a registered PE in California and earned her BS from Harvey Mudd College and MS from UC Berkeley.

Event Sponsored By:



One drink ticket per guest will be given out!

[CLICK HERE TO REGISTER!](#)

Mark your Calendars for our next Member Luncheon December 20, 2016 will be our joint meeting ASCE at The Handlery Hotel. More information to follow soon.

### New Member Applicant Postings

Suong Chong - Associate

Nicole Trujillo - Associate

Nathan ODell - Member

Professional Development Day  
Thursday, November 10, 2016  
10:00 a.m. - 2:00 p.m.

----- REGISTRATION-----  
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Step 1. Follow this link: <https://www.eventbrite.com/e/professional-development-day-asce-sdsu-tickets-27617564880>

Step 2. Select Register and choose the level of sponsorship  
For Silver (\$400) and Gold (\$500) Sponsors: there are a maximum of 4 tickets for each registration and each ticket is a company representative.  
For the Platinum (\$650) Sponsor: there is only one ticket available but you may write in the names of each of your representatives during registration.

Step 3. Fill out the requested information including the number of representatives and vehicles. This information will be used to create name tags and obtain parking permits.

Step 4. Please mail a check with the value amount of the ticket you have registered for to the below address. A confirmation email will be sent out once the check is received.

\*For Gold and Platinum Sponsors: the available table locations will be sent out at a later date with priority to those companies who registered and purchased the tickets first.

----- PAYMENT-----  
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Checks Only Please

Please note, in an effort to remove Eventbrite fees, tickets are shown as "Free". Directly next to each ticket is the actual amount corresponding to that registration. Please send a check with the registration amount made out to "ASCE SDSU" and sent to the below location:

Jose Castro  
6143 Montezuma Road  
San Diego, CA 92115  
Payable to ASCE SDSU

Registration Deadline: November 10th  
Contact: Samuel Alcaraz, Vice President, Internal  
[asce.sdsu.internal.vp@gmail.com](mailto:asce.sdsu.internal.vp@gmail.com) (760) 791-2144

### 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

## 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 [skerr@jwa-se.com](mailto:skerr@jwa-se.com)

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](#)



## 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.

## 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**  
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**SIKA CORPORATION**  
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ucorp4@live.com  
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[www.utelite.net](http://www.utelite.net)

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](#)

## 2017 SEAOC CONVENTION

Calling for Members within your companies to join in 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.

## COMMITTEE ROSTER

Your 2016-2017 Committee Roster

**[CLICK HERE](#)**

## JOB FORUM October



*Kleinfelder's San Diego office (previously Simon Wong Engineering) has an opening for a dynamic and eager to grow entry-level Structural Engineer to join our team!*

### Responsibilities:

- *Provide structural and seismic analysis to qualify designs to code requirements*
- *Analyze and interpret analysis results and prepare formal calculations and technical reports, including construction specifications, material procurement specifications, calculations and estimates.*
- *Compute loads or material stress factors to establish design specifications.*
- *Producing detailed design calculations and sketches for materials of construction associated with the project. Calculations produced will be neatly prepared and organized for efficient checking by others and efficient use by drafters/designers for preparing drawings and as a deliverable when required.*
- *Producing construction specifications*

*Requirements: Please website*

*To apply, go to [www.kleinfelder.com](http://www.kleinfelder.com) and visit the Careers web page.*

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Kelly Potter, PWCA | Account Executive  
 kpotter@cavnac.com | 619-744-0585

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## 2016 Calendar

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

Tuesday, December 20, 2016  
 December joint meeting with ASCE  
 @ Handlery Hotel

**\*\*Meeting sponsorship opportunities available for the 2016 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.**

**SEAOSD Board of Directors Meeting**



### Design Engineer

***Patterson Engineering, Inc. has an immediate opening for a recent graduate with a Bachelor's or Master's degree in Civil/Structural Engineering to perform engineering assignments on a full-time basis.***

#### ***Job Description***

- ***Design and develop structural engineering plans, calculations, and drawings for various residential and commercial projects***
- ***Travel occasionally to offsite meetings and jobsites***
- ***Regularly meet with Principal Engineer and Project Manager to review project specifications and outline future goals***

***Submit resume and cover letter to: [info@pattersoneng.com](mailto:info@pattersoneng.com)***



***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.the.taleo.net/chc05/ats/careers/requisition.jsp?org=KPFF\\_2&cws=63&rid=271](http://chc.the.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.the.taleo.net/chj04/ats/careers/requisition.jsp?org=KPFF\\_2&cws=63&rid=439](http://chj.the.taleo.net/chj04/ats/careers/requisition.jsp?org=KPFF_2&cws=63&rid=439)***

The SEAOSD Board of Directors normally meets the second Tuesday of every month. The October Board of Director's meeting will be held on Tuesday, November 15, at 3:30 PM 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

December 2016	11/20/16
January 2017	12/20/16
February 2017	01/20/17

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**

## Special Discount for SEAOSD Members

San Diego Business Journal is offering a discount to SEAOSD 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](https://www.pubservice.com/SUBNEW1PAGE.aspx?PC=SD&PK=J68SES)

## Younger Member Forum

It's time for SEAOSD Younger Member's Forum's first event of the year! Join us for Happy Hour! Come out have a drink, grab some food, and meet some of your fellow younger members.

When: Thursday, November 10, 2016  
6:00 to 8:00 PM

Where: Coin-Op Game Room  
3926 30th St. (North Park)  
San Diego, CA 92102  
[\(Google Map\)](#)

Visit them on the web: <http://coinoppsd.com/>

If you're not sure who is there for the happy hour. Look for the hardhat and come introduce yourself.

Click the link to check out the Younger Members Group on Facebook YMF FB  
Hope you see you there!

Please contact Jacqui Le at [Click here to email](#)