STRUCTURAL ENGINEERS ASSOCIATION OF SAN DIEGO

March 2026 SEAOSD Newsletter

President's Report



Earlier this month, SEAOSD proudly hosted our annual Student Night, bringing together students, professionals, and educators for an evening focused on inspiration, mentorship, and the future of structural engineering. The event was highlighted by a powerful keynote address from Dr. Ashraf Habibullah of CSI, who also generously served as the Anchor sponsor for the evening.

Dr. Ashraf's message resonated deeply with everyone in attendance—especially the students. His passion for education and his genuine love for students were evident throughout his talk. He reminded us that while software, analysis, and codes are critical tools, our profession is ultimately about people. It's about the students entering the field, the mentors who guide them, and the communities who rely on safe, thoughtful design. His message was both a call to purpose and an encouragement to the next generation to embrace the meaning behind the work.

One of the central themes of the evening was *why structural engineering is so incredible*. Dr. Ashraf spoke about how humans are uniquely created to help improve the lives of others—and structural engineers do exactly that. Whether we are designing hospitals, schools, bridges, or homes, our work directly supports communities and enables society to thrive.

He emphasized that structural engineers make lives better—often in ways that are invisible but always essential. We preserve history by strengthening and protecting existing structures, while also building the future through innovation and thoughtful design. From seismic retrofits to resilient new construction, the work of structural engineers quite literally saves lives.

Dr. Ashraf also offered a powerful perspective on legacy. Every monument still standing today—every building that has endured time, earthquakes, and storms—stands because of engineers who cared deeply about their work and the people it served. As he noted, *"Every monument that is standing is standing because of you."* It was a humbling reminder of the responsibility and impact carried by our profession.

SEAOSD would like to thank Dr. Ashraf and CSI and all of our sponsors for their continued support of students and the profession, as well as everyone who attended and helped make Student Night such a success. Events like this remind us why we do what we do—and why investing in students is an investment in the future of structural engineering.

Jeremy T. Callister
SEAOSD President 2025-2026








SEADSD
1234
DATE 3-3-2026
PAY TO THE ORDER OF Aiden Mangohig
$ 2,000.00/xxx
Two Thousand Dollars 00/100 DOLLARS
MEMO Scholarship Winner 2026
SEADSD
⑆123456789⑆ 987654321⑈ 1234
CERTIFICATE
Aiden Mangohig

Welcome New Members

New Members March

Bryan Hioe - Associate

Future Meetings

NCSEA and SEAOC Urban Fire Series starting March 24, 2026

10:00 AM to 11:00 AM
Webinar

SEAOSD & ACI YMF joint event April 8, 2026

4:30 PM to 6:30 PM
Calportland
9229 Harris Plant Road
San Diego, CA 92145

SEAOSD Golf Tournament April 27, 2026

10:00 AM to 7:00 PM
Twin Oaks Golf Course
1425 North Twin Oaks Valley Road
San Marcos, CA 92069

SEAOSD SEE Awards Call for Entries

May 01, 2026 Deadline 8:00 AM to 5:00 PM
Online payment

SEAOSD SE3 Committee Meeting May 4, 2026

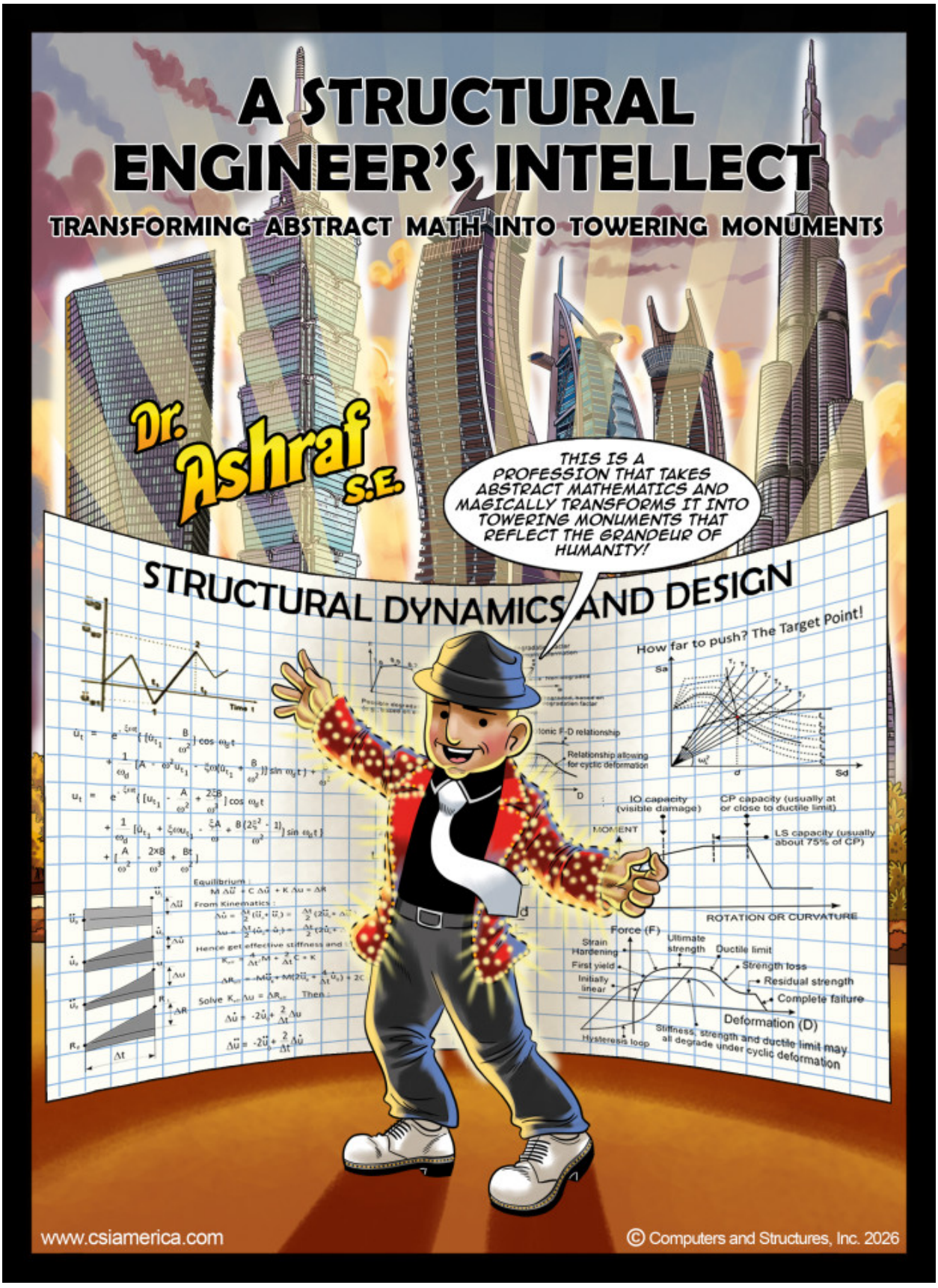
5:00 PM to 6:30 PM

SEAOSD Fellows and Trivia Night May 27, 2026

5:30 PM to 8:30 PM
Sterling Bay Property
9955 Pacific Heights Blvd
San Diego, CA 92121

2026 SEAOC Convention August 26, 2026 to August 28, 2026

12:00 AM to 12:00 AM
Grand Hyatt Scottsdale
7500 E Doubletree Ranch Road
Scottsdale , AZ 85258


A STRUCTURAL ENGINEER'S INTELLECT
TRANSFORMING ABSTRACT MATH INTO TOWERING MONUMENTS
Dr. Ashraf S.E.
THIS IS A PROFESSION THAT TAKES ABSTRACT MATHEMATICS AND MAGICALLY TRANSFORMS IT INTO TOWERING MONUMENTS THAT REFLECT THE GRANDEUR OF HUMANITY!
STRUCTURAL DYNAMICS AND DESIGN
How far to push? The Target Point!
IO capacity (visible damage)
CP capacity (usually at or close to ductile limit)
LS capacity (usually about 75% of CP)
MOMENT
ROTATION OR CURVATURE
Force (F)
Strain Hardening
Ultimate strength
Ductile limit
First yield
Initially linear
Strength loss
Residual strength
Complete failure
Deformation (D)
Hysteresis loop
Stiffness, strength and ductile limit may all degrade under cyclic deformation
www.csiamerica.com
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CRSI membership is now open to Architectural and Engineering firms.

New Associate Member tiers allow firms of all sizes to join the steel reinforced concrete industry network. Annual dues start at $150 per firm.



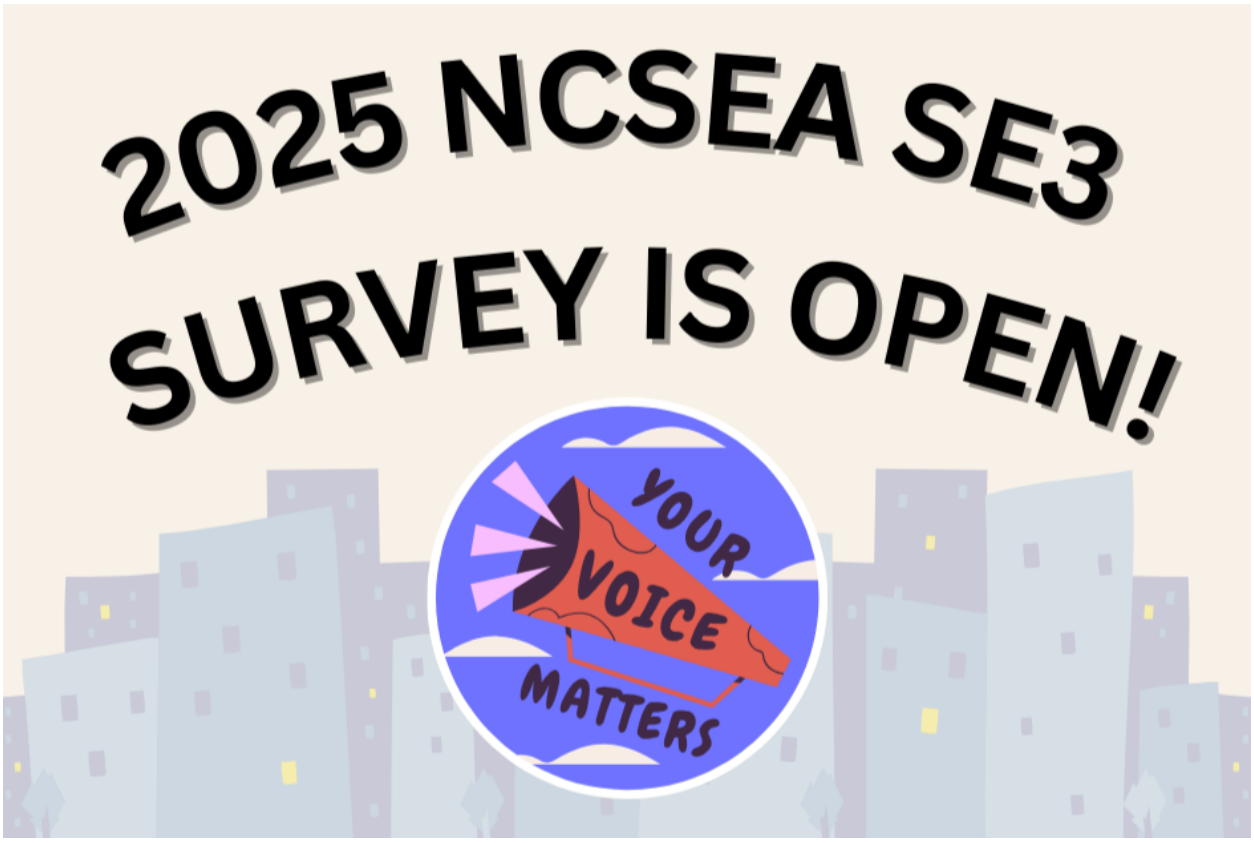
Learn more at www.crsi.org/membership

CRSI Concrete Reinforcing Steel Institute

SEE Awards


SEAOSD
STRUCTURAL ENGINEERS ASSOCIATION
OF SAN DIEGO
CALL FOR ENTRIES
2026 STRUCTURAL ENGINEERING EXCELLENCE AWARDS
ENTRIES MUST BE RECEIVED BY
MAY 1ST, 2026

Committee Updates



Make your opinion count! The 2025 edition of the SE3 survey is officially LIVE!

Join the conversation and participate in the 2025 SE3 survey--the link is available here: survey link and on NCSEA's website: https://www.ncsea.com/se3-structural-engineering-engagement-equity-survey/.

This is the NCSEA SE3 Committee's fourth nationwide survey targeted at structural engineers. The responses collected are valuable in understanding trends in our profession. If you are interested in learning more about NCSEA SE3's previous surveys, past publications are available here: https://www.se3committee.com/surveydevelopment.

SE3's mission is to attract and retain the best and brightest into our profession; and to ensure ALL structural engineers have a clear pathway to success. The SE3 survey is an ongoing effort to identify trends, understand the underlying factors, and initiate industry-wide conversations. Findings from past iterations of this survey included insight into why engineers leave the profession, the importance of mentorship, and the existence of a nuanced gender pay gap.

Responses are anonymous and confidential, and data collected will not be linked to you or your employer/firm. Dynamic Benchmarking, a leading technology provider serving associations nationwide, collects, anonymizes, and analyzes all survey data. This means that

neither your personal information nor your firm's details will be linked to the data, ensuring full anonymity and privacy.

Voting will close on Feb 27, 2026

Job Ads

- SEA News charges $100 ($150 for non-members) for "Job Posting" ads for 3 months in SEAOSD Newsletter.
- In addition, the advertisement will be posted at www.seaosd.org under "Job Forum" for 3 months.
- Please limit ads to 100 words.
- Advertisements may be renewed or extended for $50 ($75 for non-members) per each additional month.

Classified Job Listing

Structural Engineer

KPFF Consulting Engineers
Job Posting
Sep. 15, 2025

Structural Engineer (EIT) – San Diego

Wiseman + Rohy Structural Engineers
Job Posting
Mar. 13, 2026

California Structural Engineer

BWE, Inc.
Job Posting
Feb. 13, 2026



SE PATHWAYS IS BACK! APPLICATIONS OPENING SOON

Are you a structural engineering student or early-career professional looking to grow your network and find your place in the profession? SE Pathways is designed to support and elevate individuals from historically underrepresented groups in structural engineering through meaningful connections, mentorship, and access to the SEAOC Convention.

Participants in the Fifth SE Pathways Cohort will receive funding to attend the 2026 SEAOC Convention and take part in curated programming focused on career development and professional connections. Join a cohort of peers, expand your network, and take the next step in your structural engineering journey.

Applications open: February 20 — look out for details soon!
2026 SEAOC Convention

Where: Scottsdale, AZ
When: August 26–28, 2026

Interested? Sign up here to learn more and receive a reminder when applications launch.

Thank you Sponsors



Become a Sponsor Today! Click here for more information.

Thank you Sponsors



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SE FIRM SILVER SPONSOR

BWE established 1971

SE FIRM BRONZE SPONSOR

Degenkolb

GOLD SPONSOR

SIMPSON Strong-Tie

CoreBrace

SILVER SPONSOR











SEAOC College of Fellows Scholarship
2026 Call for Applications

Purpose

The Structural Engineers Association of California's College of Fellows hereby offers the SEAOC College of Fellows Scholarship. The objective of the scholarship is to raise the level of structural engineering by promoting the educational development of California structural engineers through advanced degrees. This scholarship is intended to recognize those that have completed an undergraduate degree, moved on to work in engineering practice or research, and are now returning for a graduate degree.

The Scholarship

A $5,000 grant will be made to the selected scholar towards graduate school expenses at an accredited graduate school program in Structural Engineering, or in Civil or Architectural Engineering with a structural emphasis. While the scholarship is primarily intending to encourage scholars attending California institutions, those attending institutions outside of California will be considered.

Eligibility

The applicant shall meet the following eligibility requirements:

- Hold an undergraduate degree in Civil Engineering, Structural Engineering or Architectural Engineering from an accredited engineering school or university and,
- Have a year or more of structural engineering practice or research experience following receipt of the undergraduate degree (the year must be completed by the time the graduate degree starts, a full time internship of up to six months can be considered towards the year),
- Have applied to but not yet started an accredited graduate school program in Structural Engineering, or in Civil or Architectural Engineering with a structural emphasis, and
- Have been a member for at least six months in one of the four SEAOC member organizations (SEAOCC, SEAONC, SEAOSD, or SEAOSC). Any class of membership is acceptable.

Application

The applicant shall submit:

- A resume describing education and engineering or research experience (not to exceed two pages),
- A statement of career goals and reason for pursing an advanced degree (not to exceed one page),
- Evidence of application to or acceptance in a graduate school program as noted in the eligibility criteria,
- A statement of how the award would make a difference in their education or their engagement with structural engineering (not to exceed one page), and
- Two letters of recommendation including:
    - One from a member of a SEAOC Member Organization (SEAOSD, SEAOSC, SEAOCC or SEAONC) who holds either Member or Member SE class of membership.
    - One from a second Member or Member SE of a SEAOC Member Organization as per above, or a professor from the applicant's undergraduate program.

SEAOC College of Fellows Scholarship
2026 Call for Applications

These items shall be submitted to the SEAOC office at SEAOC@SEAOC.org by ***5 pm (PST) March 31, 2026***. Please indicate "College of Fellows Scholarship" in the subject line.

Selection

An awardee will be selected by a Selection Committee appointed by the College of Fellows Scholarship Committee. Awardees will be contacted by April 21, 2026. The scholarship may or may not be awarded in any given year at the discretion of the Selection Committee. The selection process is entirely at the discretion of the Selection Committee and the College of Fellows.

Award of Funds

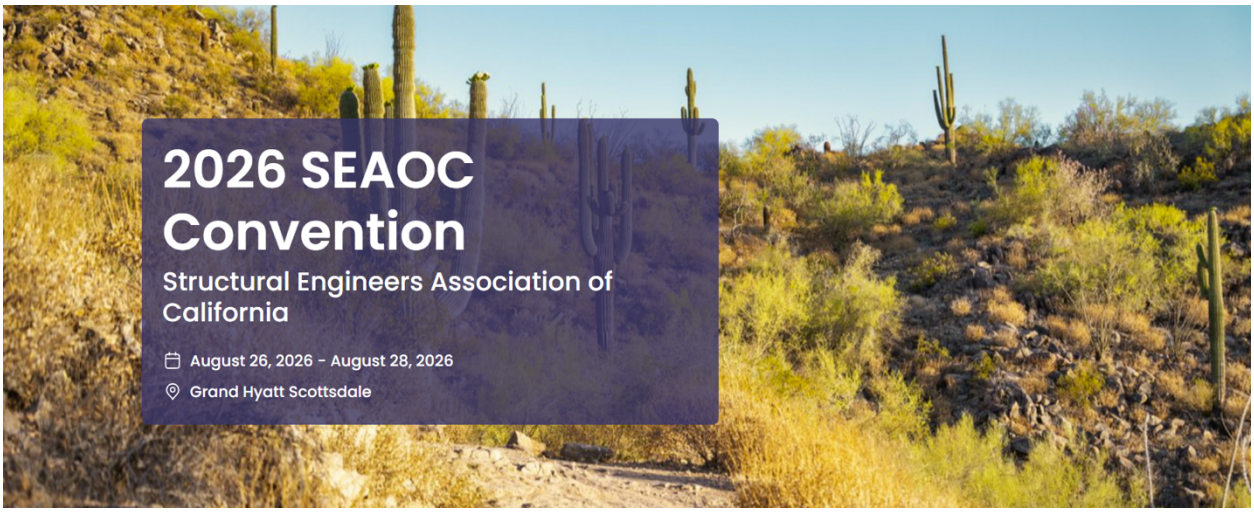
The funds for the scholarship will be issued upon submission of evidence of enrolment in the first term of the accredited graduate school program.

Additional

The awardee will be invited to assist the College of Fellows with publicizing the scholarship program.

Questions

Questions should be directed to both Krystinne Mica <kmica@seaoc.org> and kcobeen@wje.com. Provide questions no later than March 24, 2026.


2026 SEAOC Convention
Structural Engineers Association of California
August 26, 2026 - August 28, 2026
Grand Hyatt Scottsdale