



STRUCTURAL ENGINEERS OF COLORADO NEWSLETTER

**2022 SUMMER SCHEDULE
SIGN UP FOR THESE EVENTS**

AT

[HTTPS://](https://seacolorado.org/)

[SEACOLORADO.ORG/](https://seacolorado.org/)

**SEAC YMG/SE3
Mentorship Panel**

May 10, 2022

Virtual

12:00pm-1:30pm

SEAC General Meeting

May 12, 2022

Doubletree Westminster
and Virtual

7:30am-9:00am

**SEAC NoCo Committee
Meeting**

May 12, 2022

Front Range Community
College

7:30am-9:00am

**SEAC Wells Concrete
Precast Manufacturing
Facility Tour**

June 23, 2022

Wells Concrete Precast
Manufacturing Facility,
Brighton, CO

8:00am-9:15am

**Fall 2022 SE/PE Study
Group Kick-off**

July 13, 2022

Blue Moon Brewing Co.
6:30pm-7:30pm

**SEAC YMG Zimkor Shop
Tour**

July 21, 2022

Zimkor Fabrication Shop
2:00pm-3:30pm

January General Meeting

SEAC May General Meeting

May 12, 2022

Doubletree Westminster and Virtual (begins at 8AM)

Registration and breakfast: 7:30am

**Announcements, NCSEA Update, SE Branding Update, Status of Licensure in the
US and Networking: 7:30am-8:00am**

Program: 8:00am-9:00am

*ASCE 7-22 updates to snow load design, including ground snow loads, thermal
factor, and winter windiness factor (which affects drift loading). The focus will be on
Colorado implications and applications*

1 PDH

SPEAKERS: Jeannette Torrents, JVA and Abbie Liel, University of Colorado

Mark Your Calendar for Future SEAC Meetings

- **May 12, 2022—SEAC Member General Meeting 7:30am-9:00am**
- **July 21—SEAC Member General Meeting 7:30am-9:00am**
- **September 15—SEAC Member General Meeting 7:30am-9:00am**
- **October 13—SEAC Fall Seminar 7:00am-12:30pm**
- **November 10—SEAC Annual Meeting 4:30pm-8:00pm**



PRESIDENT'S MESSAGE

Structural Engineers Association of Colorado

In the past several months all I seem to hear on the news, from friends, and from colleagues is how there is a labor shortage in nearly every field. When it comes to our industry it seems all the architects, contractors, and structural engineers I talk to are struggling to find qualified people to add to their staff. While there are many factors that contribute to this, one is simply how many engineering students graduate and add to the workforce each year.



When I was 4 years old, I vaguely remember watching some random show on PBS where they were talking about this cool looking building and said that you could be an architect and design buildings. It stuck. Later in life I'd realize that was the first of MANY times I would see an architect incorrectly get all the credit for a building.

Somewhere in junior high or high school I started hearing, "since you are good at math and science you should be an engineer." I was good at those and I liked them so it made sense, but I didn't really know what kind of engineering even existed let alone what engineers actually did for a job. During my junior year of high school an engineering ambassador (student) from what would end up being my future college came to talk to our tech class. During that presentation he gave a very brief overview of each kind of engineering and what kinds of things those engineers might do for a career. He got to Architectural Engineering and that little 4 year old voice in my head perked up. I had still kind of had architecture in the back of my head but it never really made sense with the math/science/engineering discussion until that moment. I still weighed other options but from that day I was set on a path that would make me a structural engineer.

I tell that story because had I not had those voices telling me about engineering in school and had I not had a somewhat chance encounter with the right person at the right time I may never have even known architectural engineering or structural engineering even existed. If it weren't for that ambassador outreach program I may have ended up doing something completely different resulting in one fewer engineer in our industry.

One of my goals when joining the SEAC BOD was to increase our involvement with outreach to students of all ages and hopefully increase the number of students that join our profession. We currently have some events with colleges and we do the gingerbread bridge with some high schools and even younger students. We can do better. We HAVE to do better if we want to grow our industry and help alleviate the shortage of engineers that we are currently experiencing. If you or someone you know would be interested in helping to form an outreach committee please contact me. I envision the committee can help create a single point of contact where schools, museums, and event organizers can reach out to find volunteers in the engineering field. From there the committee can pass along the information to all of SEAC and find those that are willing and able to help with an activity; or come into a school to judge a competition; or be part of career day.

Even if you can't be a part of the committee please keep your eyes out not only with SEAC but everywhere else for chances to tell a kid about what you do. That simple conversation or interaction just might be the spark they need to find their true calling and set them on the path to be a future SEAC president!

A handwritten signature in blue ink that reads "B. Lobmeyer".

Brian Lobmeyer, PE
SEAC President

COMMITTEE NEWS

Structural Engineers Association of Colorado

Business Management Committee

The 2022 Business Practices Survey has been distributed to over 100 member firms in late April. Responses are due to HR Analytics at admin@rhusurveys.com by May 31, 2022. The survey results provide excellent information to all participating firms on current salaries, benefits and office practices that will improve your business and increase staff retention. We encourage firm leaders to invest the small amount of time to respond to the survey. Steps have been taken to avoid last year's technical difficulties, and yet we still had 2021 data that represented over 500 staff members in our profession. Results will be made available to all participants by the end of July.

The 2022 Individual Compensation Survey will also be distributed to all SEAC members in the month of May. Responses for the ICS survey are due June 15th to HR Analytics. The results will be distributed to all participants by the end of July. The survey provides up to date salary and benefit information to all individuals who respond. Watch for an invite in May and we encourage engineers at all levels to participate.

Education Committee

SEAC PE/SE Bridge Design Review Session was a great success!



On March 23rd, the SEAC Education Committee hosted a virtual AASHTO Bridge Design Review Session targeted for those studying for the PE and SE exams.

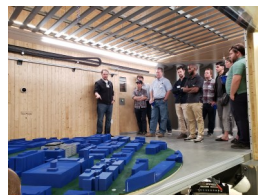
The event was a success and over 45 engineers from throughout the country participated. Many thanks to Nick Roberts with Martin/Martin who led the presentation.

If you are planning to take the PE and SE exam in fall - please check again the SEAC LinkedIn postings in June/ July for our SEAC Young Member Group advertisement about the next session. Our committees alternate on hosting this event. If you have any feedback to share with us, please email us at ec@seacolorado.org

SEAC CPP Wind Engineering Tour

On April 28th the SEAC Education Committee hosted a tour of the CPP Wind Engineering's State-of-the-Art Laboratory in Windsor, Colorado. We had 40 attendants including professionals and students. The event was a great success.

Thank you so much to CPP and Dr. Denoon, for hosting us!



WELLS Concrete Manufacturing Tour



The SEAC Education Committee is finalizing the planning of the WELLS Concrete Manufacturing Tour on June 23rd. The event registration will open on SEAC website right after the SEAC May General Breakfast Meeting. Be proactive and register early to secure your spot! The 2022 SEAC in-person events are in high demand and the event registration fills up quickly.

COMMITTEE NEWS

Structural Engineers Association of Colorado

SEAC Fall Seminar



**Mark your calendar for October 13th
for the SEAC Fall Seminar!**
More information is coming soon.

SEAC Project Presentations and Manufacturing Tours 2023 planning

The SEAC Education Committee is looking for companies interested in presenting their unique projects for Project Presentation or sharing their facilities for Manufacturing Tour events in 2023. If interested, please contact us at ec@seacolorado.org.

SEAC EC New Prospective Members



The SEAC Education Committee is looking for new excited and motivated members. This is a great time to join and learn more about the various educational events which we organize - including the SEAC Fall Seminar, Project Presentations, Job Site Tours and PE/SE Review Webinars and the Bridge Review session. Come join us! If you are interested in attending the next meeting, please RSVP at ec@seacolorado.org.

Seismic Committee

On March 10, 2022 at the SEAC Membership General Meeting, the SEAC Membership approved the Position Statement on Seismic Safety of Colorado Buildings. A copy is posted on the SEAC website under Resources—Publications. [Click here to view](#).

Standards of Practice Committee

The SEAC Standard of Practice is finally gearing up to conduct a full review and update of the 2004 Standard of Practice (SoP) for Structural Engineering Practice in Colorado.

We are looking for SEAC members, voting members, throughout the state of Colorado, that are interested in volunteering their time to complete this update of the SoP.

Bi-monthly meetings will be conducted from June 1 through September 2022, with a draft ready for review by SEAC and attorneys by September 1, 2022.

Meetings will tentatively be in-person with remote options available. They will tentatively be 2 hours long.

Please email james.i.ness@imegcorp.com if you are interested or have any questions.

COMMITTEE NEWS

Structural Engineers Association of Colorado

Young Members Group

YM/SE Mentorship Panel on May 10th

Join the SEAC Young Member Group and SE3 Committee on Tuesday, May 10th from 12-1:30pm MT for a virtual panel discussion focused on mentorship.

What is the role of mentorship in your career and your personal development? Does informal or formal mentorship work better for you? What are you looking for when selecting a mentor/mentee? Do you know how to ask for or provide mentorship? Have you shared your experiences as a mentee or mentor with others in the profession? Do you have professional mentors outside of your company? How can mentorship shape the future of our companies and industry?

The SEAC YM/SE3 Mentorship Panel Discussion will bring together panelists with experience ranging from Entry Level to Associates and Principals to discuss many of these concepts and more! The event will begin with panelists helping the audience understand mentorship concepts, before transitioning to a live Q&A session where attendees will have the opportunity to submit questions to the panelists.

SE/PE Study Group Kick-off on July 13th:

Are you planning on taking the PE or SE exam this October?

Want to increase your chances of passing?

Are you looking for a study group or a group to take a review course with?

Are you a PE or SE and interested in a refresher course or assisting with the study group?

The SEAC Young Member Group would like to invite you to an in-person on **Wednesday, July 13th, starting at 6:30 PM at Blue Moon Brewing Company**. This kick-off meeting is to assess the interest in possible study groups, review course options for both the PE and SE exams in October and to provide an opportunity for individuals to ask questions about preparing for exam day. It is our hope that we can facilitate self-organized study groups and/or identify individuals hoping to join a group to register for an online review course at a discounted rate. Webinar overviews and group discount options will be posted to this event page on the SEAC website.

If you are interested in increasing your chances of passing your upcoming professional licensing exam, please join us! This opportunity is being extended to SEAC members and non-members so please feel free to distribute this to your colleagues and encourage them to join. If you have any questions, please contact the SEAC YM/SE3 Committee at ymg@seacolorado.org.

Please RSVP by end of day Monday, July 11th using the following link:

<https://docs.google.com/spreadsheets/d/1DsWGZUQZrywd7GqJTDQ26WsKa8DzbydF8f6lrEaOO4M/edit?usp=sharing>

Review Course Options:

Please follow link to a list of commonly used SE and PE Review Courses. Please note this list is not exhaustive.

<https://drive.google.com/file/d/1HfmQD1u4bo0avscxUaD3AaERYln051se/view?usp=sharing>

(Note: The link above is for the 2021 review courses. Updated information for Fall 2022 will be updated prior to the Study Group Kick-off event.)

Zimkor Shop Tour on July 21st:

Join the SEAC YM/SE3 on Thursday, July 21st at 2pm for the opportunity to tour the Zimkor fabrication shop.

This is an opportunity for developing engineers to learn more about what takes place between when CD's are issued and when steel hits the job site. It is also an opportunity to discuss the implication of technology upgrades on the fabrication process (What is easier to do now on modern machinery and how does that impact design decisions on beam sizes, connection details, etc.? Are there any new pain-points that engineers should know about and try to mitigate when we are detailing a project?).

Happy hour at Grist Lounge following the plant tour (Grist Lounge - 8155 Piney River Ave, Littleton, CO 80125)



2022 SEAC WELLS CONCRETE PRECAST MANUFACTURING FACILITY TOUR



Photo Courtesy of Wells Concrete

WHEN: Thursday, June 23rd

ARRIVAL: 8:00am; meet at the front lobby

TOUR: 8:15am – 9:15am

ADDRESS: 2145 E. Crown Prince Blvd,
Brighton, CO 80603



PRESENTERS: Dan Parker with Wells Concrete

RSVP by Wednesday, June 15th, 2022 on the SEAC website (link below).

Limited spots - sign up early!

[Home - Structural Engineers Association of Colorado \(seacolorado.org\)](http://seacolorado.org)

COST: SEAC Members Free

SEAC Non-members and Students are welcome to sign up for the waitlist through the event registration online. If capacity is still available on June 15th, we will contact you about your potential attendance at the event.

The tour will focus on the manufacturing of precast framing and components, including touring the main production floor, outside production, steel shop, the carpenter shop and the quality control lab. The range review process of architectural concrete will be also discussed.

ADDITIONAL INFORMATION:

- 1 PDH certificate will be provided after the event; please request this during on-line registration.
- Fill out and submit the SEAC waiver online during your registration for the tour.
- Bring your PPE for the job site tour (safety glasses, hard hat, reflective vest, closed-toe shoes, long pants).
- Tour is limited to **50 people**; first come-first serves basis. Register early!
- Inform us at education@seacolorado.org if you have a last minute schedule conflict and cannot attend, so other interested people can participate instead of you.
- No photos, videos, sharing on social media is allowed due to the WELLS confidentiality agreement.
- Refer to map on Page 2 for parking options.

Additional Information

Wells Plant Tour – Parking Options

Location: 2145 E Crown Prince Blvd, Brighton, CO 80603

Please allow for some extra parking time.





AUGUST 25, 2022

*Join your colleagues for a
day of golf and fun!*

RACCOON CREEK GOLF COURSE

August 25, 2022 7:30AM Shotgun Start
Raccoon Creek Golf Course
7301 W Bowles Ave, Littleton, CO 80123



ADSC/ASCE/
CAGE/SEAC

GOLF TOURNAMENT



INFORMATION

REGISTRATION

\$170 per golfer (includes lunch)
\$650 per Foursome

SPONSORSHIPS

\$350 Hole Sponsorship and Staff the Tee Box/Driving Range
\$250 Hole Sponsorships
\$250 Mens/Womens Longest Drive Sponsorship
\$250 Mens/Womens Closest to the Pin Sponsorship
\$250 Mens/Womens Longest Putt Sponsorship
\$500 Beverage Cart Sponsorship
\$500 Lunch Sponsorship
\$500 Breakfast Burrito Sponsorship
\$500 Awards Sponsorship
\$750 Cocktail/Social Sponsorship

Sign up at www.cagecolorado.org (click on Calendar of Events)



THE EVENT

ADSC Rocky Mountain, ASCE Denver Branch, CAGE and SEAC join together for an annual golf tournament. This is a great event with lunch provided. Come enjoy the day, win some prizes and show us your golf skills.

*Members and nonmembers
of the sponsoring
organizations are invited
to attend and/or sponsor.*

JOB OPENINGS

Structural Engineers Association of Colorado

Simpson Strong-Tie Field Engineer Colorado

For over 60 years, Simpson Strong-Tie employees have fostered a collaborative workplace where team members are engaged in creative thinking to make things better and do it right. If career growth is important to you, come join us!

<https://strongtie.wd1.myworkdayjobs.com/External/job/Denver-CO/Field-Engineer---Structural--Colorado- R3215>

THE JOB:

Provide technical support for all Simpson Strong-Tie Commercial and Residential products.

Use product knowledge & experience to develop solutions to support customer and jobsite needs.

Conduct technical presentations for individuals, groups and associations involved in new construction and/or the repair and rehabilitation of existing structures.

Develop and foster relationships with engineers, engineering firms and contractors.

Work closely with the sales team to identify and support sales.

Work closely with Simpson Product Managers, Branch Engineers and Technicians to identify new products and testing opportunities.

DESIRED EXPERIENCE:

Colorado P.E. license required

B.S Civil/Structural Engineering

Practical construction knowledge of concrete, light-gage & structural steel and wood

5 years minimum commercial design experience

Other helpful skills: customer focused attitude, self-motivated, great communication skills, enthusiastic approach and ability to work well with others

SIMPSON

Strong-Tie

DO YOU HAVE A JOB OPENING TO FILL?

Consider placing an ad in the bi-monthly SEAC newsletter to reach over 300 members, including professional engineers, suppliers, and vendors.

Contact Becky Roland at administrator@seacolorado.org or go online to <https://seacolorado.org/seac-shop/>.

Full Page Employment Ad: \$250

Half Page Employment Ad: \$150

Quarter Page Employment Ad: \$100

SEAC COMMITTEES

Structural Engineers Association of Colorado

Have you considered joining a committee?

Your participation is what makes our organization so successful.

Committee	Chairperson	Contact Phone	Board Liaison
BIM	Alejandra Contreras Moreno	(303) 945-0729	Brian Lobmeyer
Building Dept. Liaison	David Johnson	(970) 443-7455	Scott Hargrove
Business Management	Tom Soell	(303) 444-1951	Lacey Goetz
Construction Industry	Jeremy Crandall	(303) 458-1736	Jeff Borger
Denver Building Dept.		(303) 914-4300	Scott Hargrove
Education	Irena Kahanek Mere Hall	(720) 296-7595 (470) 398-6553	Sara Mickus
Ethics	Keith Porter	(626) 233-9758	Lacey Goetz
Existing Structures	Evan Hammel	(303) 860-9021	Brian Lobmeyer
Membership	Matthew Hood Jeannette Torrents	(303) 318-6539	Jeff Borger
Nominating		(303) 914-4300	Scott Hargrove
Northern Colorado	Greg Black	(970) 685-4152	Scott Hargrove
Southern Colorado	TBD	TBD	Holly Janowicz
Western Slope	Sara Mickus	(970) 618-7708	Sara Mickus
Precast Concrete	Trevor Kirkley	(303) 298-1900	Kim Olson
SEER	Mike Piper	(303) 431-6100	Lacey Goetz
SE3	Alex Lakocy	(720) 544-5453	Lacey Goetz
Scholarship	Jeannette Torrents	(303) 444-1951	Kim Olson
Seismic Standards	Rob Jackson	(303) 843-2850	Holly Janowicz
Snow Loads	Jeannette Torrents	(303) 444-1951	Brian Lobmeyer
Standard of Practice	Jim Ness	(303) 623-4927	Lacey Goetz
Steel Materials	Sylvia Iverson	(303) 757-6323	Kim Olson
Wind Loads	Dale Statler	(970) 568-2919	Jeff Borger
Wood	Jeremy Crandall	(303) 458-1736	Sara Mickus
Young Members	Katie Courtright	303.399.5154	Holly Janowicz

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Structural Engineers Association of Colorado



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We Want to Hear from YOU! The SEAC Board of Directors is interested in hearing your suggestions, comments, and ideas. Please feel free to contact a member of the BOD at any time.

Thank you to all of our members who continue to support SEAC!