

NEWSLETTER



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PRESIDENT'S MESSAGE

Spring is in the air! The time of year when we start seeing tulips bloom, trees grow their leaves, and Colorado still can't decide whether it wants to be summer or winter. This year, SEAC is focused on raising awareness of the structural engineering profession and its contribution to the community. We hope to do this by increasing public exposure to the industry and building connections with people outside our profession who we can collaborate with and learn from.

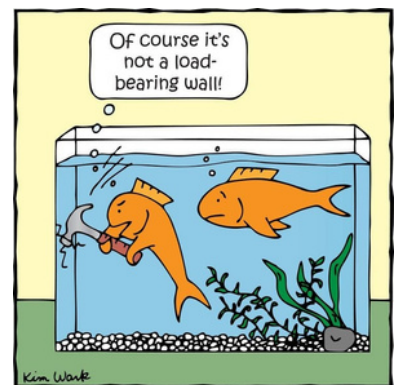


We have recently partnered with other organizations for our breakfast meetings and SEAC events. In March, we had a dynamic presentation about specifying concrete which was well attended by SEAC and Rocky Mountain Chapter ACI members. Presenters represented both associations and there was an active discussion where both groups shared insight, questions, and experiences. We hope to continue collaborating with other organizations to share our story and learn from others.

SEAC has had a lot of activity on social media lately with the goal of increasing exposure and engagement to members and nonmembers. In addition to LinkedIn, we have expanded to Instagram to better appeal to students and university groups. SEAC social media platforms are used to share event updates, committee information, project highlights, and powerful messages from NCSEA's "We SEE Above & Beyond Campaign" focused on celebrating the structural engineering profession. SEAC is also introducing a "Getting to Know" series where you can find fun facts about various SEAC members.

Finally, a big shoutout to the SEAC committees who have worked hard the last few months providing valuable events and benefits to the membership. The Western Slope Committee hosted a TrusFab Facility Tour, the Sustainable Design Committee hosted a Steel Presentation and Discussion in addition to providing support for both the March and May SEAC breakfast meetings, and the Education Committee hosted the biannual PE/SE Exam Bridge Review Session. The Business Management Committee sent out the 2023 Business Practices Survey in mid-April and will be sending out the 2023 Individual Compensation Survey in early May. Please watch your inbox and plan to participate to help increase the sharing of information within our profession and get access to survey results. To share more about our committees and increase participation within our membership, we plan to highlight a committee at each breakfast meeting moving forward.

I'm looking forward to seeing everyone at the next SEAC breakfast meeting on May 18th at the PPA Event Center. And of course, let's not forget the promised engineering joke...

A handwritten signature in black ink, appearing to read 'Sharon'.

May Meeting - Denver



BUY CLEAN COLORADO ACT AND DENVER GREEN CODE: CHANGES THAT AFFECT STRUCTURAL ENGINEERS

Presented By:

McKenzie Glass & Kim Olson

May 18, 2023
7:30 a.m. - 9:00 a.m.

PPA Event Center
2105 Decatur St., Denver, CO

Please join two industry professionals representing the SEAC Sustainable Design Committee to discuss the Buy Clean Colorado Act and the Denver Green Code. The Buy Clean Colorado Act applies to state public projects that exceed five-hundred thousand dollars after January 1, 2024. The new law requires the Office of the State Architect to set maximum acceptable global warming potential (GWP) limits for identified structural materials. The 2022 Denver Green Code (DGC) has new requirements effective May 1, 2023. Of the new requirements, project design teams may choose to include the GWP limits for specific building materials. Learn how these new requirements affect our construction documents and how your firm can be best prepared for these upcoming changes.

About the Speakers



McKenzie Glass, PE serves as Martin/Martin's Sustainability Manager and is a Structural Project Engineer on the Investigative Team. She has seven years of experience with the firm providing services for a variety of structures including industrial, higher education, healthcare, and residential facilities. McKenzie specializes in innovative sustainable materials, methodology, operations, and design and leads the Martin/Martin SE 2050 Committee. She is also involved in professional organizations as the chair of the SEAC Sustainable Design Committee and serves on the SEAC Board of Directors. She is an active member of the NCSEA Sustainable Design Committee and American Council of Engineering Colorado.



Kim Olson, PE is a licensed structural engineer. She is currently a manager in Nucor's Construction Solutions Group where she leads their National Accounts and technical strategies. Prior to joining Nucor, she was the HSS Consulting Engineer for the Steel Tube Institute. At FORSE Consulting and Martin/Martin, Inc. she managed and designed a variety of structures, from research labs and sporting grandstands to recreation centers and schools. Kim is a member of several AISC, AWS and ASTM Technical Committees, and a Director for the Structural Engineers Association of Colorado.

[REGISTER NOW](#)

REGISTRATION FEES

SEAC Members: \$0
Non Members - In Person: \$45
Non Members - Virtual: \$30

Registration fee includes breakfast (In-Person only), presentation, and a certificate for 1.0 Professional Development Hour.

SCHEDULE

7:30 a.m. - 8:00 a.m.	Breakfast/Networking
8:00 a.m. - 9:00 a.m.	Presentation

The Deadline to Register for this event is May 11, 2023.

MAY MEETING - NORTHERN COLORADO

Thursday
May 18, 2023
7:30 a.m. - 9:00 a.m.



Virtual Broadcast
1.0 PDH

Buy Clean Colorado Act and Denver Green Code: Changes that Affect Structural Engineers



Front Range Community College
4616 S. Shields Street - Room #136
Student Success Center - Red Cloud Peak Building
Fort Collins, CO 80526



This is an in-person event with the speakers being virtually broadcast.

REGISTRATION FEES

NOCO MEMBERS: \$0

GUESTS: \$10

[REGISTER NOW](#)

The Deadline to Register is May 11, 2023.

MAY MEETING - WESTERN SLOPE

Buy Clean Colorado Act and Denver Green Code: Changes that Affect Structural Engineers



Thursday, May 18, 2023

7:45 a.m. - 9:00 a.m.

Evolve Structural Design
1040 Main St. Carbondale, CO



This is an in-person event with the speakers being virtually broadcast.

REGISTRATION FEES

WESTERN SLOPE MEMBERS: \$0

GUESTS: \$10

[REGISTER NOW](#)

The Deadline to Register is May 11, 2023.

SE3 Committee Meeting



Read.Watch.Listen Discussion Group - Supporting Neurodiversity in Engineering

May 12, 2023

12:00 p.m. - 1:00 p.m.

Zoom Meeting

On Friday May 12th at noon (MT), the SEAC SE3 committee will be hosting a virtual gathering to discuss a recent issue of Read.Watch.Listen*:

Supporting Neurodiversity in Engineering

The goal of the SEAC discussion group is to allow us to continue conversations about DEI, discuss how they relate to our local Colorado practices, and build more community! We encourage you to read one or all the resources, but it is not required to participate. There is also no registration required; please join us at the Zoom link below!

Join Zoom Meeting: <https://zoom.us/j/9704913378>

Meeting ID: 970 491 3378

Hosted by: Geoff Leewaye, Structural Designer at DLR Group
Jordan Jarrett, Teaching Assistant Professor at Colorado State University

If you have any questions or comments, please reach out to the co-hosts at se3@seacolorado.org.

** The Structural Engineering Engagement and Equity (SE3) Committee's mission is to study and promote engagement and equity in the structural engineering profession. Read.Watch.Listen is a monthly forum hosted by the NCSEA SE3 Committee to share and promote conversations on diversity, equity and inclusion within the structural engineering profession. Every month, this forum creates a series of articles, audio-visual and digital media on matters that affect our professional practice as structural engineers.*

Wednesday
May 10, 2023
11:30 a.m. - 1:00 p.m.



PPA Event Center
2105 Decatur St.
Denver, CO

Augercast Pile Testing and Construction for a New Library in Castle Rock, Colorado

Presented By:

Hayden Leach, Project Engineer

&

Phillip Gallet, Senior Engineer - Business Development - Keller North America

About the Topic

The construction of a new library in Castle Rock, Colorado required the installation of deep foundation systems to support the building loads. Keller was brought onto the team to discuss alternatives to traditional caissons. Keller has experience with aggregate piers on many of the nearby structures, but ultimately the county wanted a deep foundation system. Augercast piles were selected as the preferred foundation system due to the cost and schedule savings in lieu of drilled caissons.

This presentation will discuss the design, testing and construction of the augercast piles for the library project. The augercast pile installation was completed within the required schedule and half of the original caisson budget. Quality control measures were implemented throughout the construction process to ensure the integrity and performance of the piles. The pile load test results confirmed the design assumptions, and the piles met the required capacity.

This project demonstrates the successful application of augercast piles as a deep foundation system for a new library in Castle Rock, Colorado. The design and testing methodologies presented can be used as a reference for similar projects in the future.

About the Speakers

Hayden Leach received his bachelor's degree in petroleum engineering from the Colorado School of Mines in 2016, and began working for Keller (Anderson Drilling at the time) as a field engineer in 2017. His current role is Project Manager for Keller's deep foundation business in the Rocky Mountain Region. Current responsibilities include estimating and managing deep foundation projects across the Rocky Mountain Region. Hayden worked closely with Phillip on this job and was responsible for the day-to-day management and execution of the project.

Phillip Gallet, P.E. has been in the geotechnical engineering business his whole life. Starting as a laboratory technician for his father's company and working his way into an engineering position. After receiving his undergraduate degree and master's degree from Auburn University, Phillip was hired by Keller (Hayward Baker at the time). His current role is Senior Engineer - Business Development for Keller's Rocky Mountain Region. His current responsibilities include direct client assistance with technique selection, business development in the Rocky Mountains, estimating and managing a variety of Geotechnical Construction projects. Phillip was instrumental in the VE design of this project to come with the most cost effective solution that met with the clients requests.

Registration Fees

CAGE Members: \$20

Guests: \$40

Registration fee includes lunch, presentation, and a certificate for 1.0 Professional Development Hour.

[CLICK HERE TO REGISTER NOW](#)

35th Annual Jean-Claude Roumain Golf Classic

JUNE 28, 2023

SHOTGUN START @ 8:00 AM

**ARROWHEAD GOLF COURSE
LITTLETON, CO**

The Rocky Mountain Chapter ACI will host their 35th Annual Jean-Claude Roumain Golf Classic at the Arrowhead Golf Club on Wednesday, June 28, 2023.

The proceeds from this industry event benefit the JC Roumain Scholarship Fund and the Chapter's new Young Professional Convention Sponsorship program. Since 2009, the Rocky Mountain Chapter of ACI has awarded 20 scholarships to deserving engineering and construction management students. No matter your skill level, all golfers are welcome to join in the fun. This tournament offers a relaxed and friendly atmosphere, where you can make new connections, exchange ideas, and build relationships with fellow industry professionals.

**\$725/FOURSOME
\$185/INDIVIDUAL**

The registration fee includes green fees, range practice, cart with GPS, breakfast, drink ticket & BBQ lunch.

FORMAT: The tournament is a four person scramble with a shotgun start at 8:00 a.m. If you register as a twosome or an individual you will be paired with other golfers to make a foursome. Arrowhead Golf Club is a soft spike facility and collared shirts are required.

MULLIGANS: Mulligans are available for \$10 each or set(s) of 4 for \$20. Limit 16 mulligan per team.

LONG DRIVE HITTER: For a minimum donation of \$50/player to the JC Roumain Scholarship Fund, professional long-drive hitter Josh Cassidy will hit your tee shot on a par 5 hole. Hole your next shot and win a prize! Credit cards accepted at the hole or save time and purchase with registration.

POKER RUN: Entry fee \$20/person. Collect one playing card on each par 3 hole. The best poker hand wins a prize valued over \$300. Save time, purchase with registration.

CLOSEST TO THE COOLER: Entry fee \$20/person. Lay up next to our prize cooler in the fairway. Closest person will win a surprise gift revealed at the BBQ Lunch. Save time, purchase with registration.

6:30 a.m. Check-In/Range Practice
Breakfast Buffet
7:45 a.m. Check-In Cutoff
8:00 a.m. Shotgun Start
1:00 p.m. BBQ Lunch/Prizes

Deadline for registration is June 14, 2023.

REGISTER NOW





SEAC 2023 SURVEYS



2023 BUSINESS PRACTICE SURVEY

Survey has been mailed to firms. If your firm has not received a survey, please contact Tom Soell at TSoell@jvajva.com Survey must be returned by May 31, 2023

- Firms participating in the survey can receive a copy of the survey results for a \$50 fee
- Non-Participating firms can receive a copy of the survey results for a \$500 fee

2023 INDIVIDUAL COMPENSATION SURVEY

Emailed to professional members by early May and returned by June 15, 2023

- Free to all participants
 - Only participants will receive a copy of the survey results
- If you haven't received the survey, please contact Tom Soell at TSoell@jvajva.com

All input is confidential.

SAVE THE DATE



ADSC/ASCE/CAGE/SEAC
JOINT ASSOCIATION

GOLF TOURNAMENT

August 24, 2023

Racoon Creek Golf Course
7301 W. Bowles Ave., Littleton, CO 80123

[**REGISTER NOW**](#)



SEAC COMMITTEES

To better utilize volunteer hours and help manage committee expectations, the SEAC Board of Directors is proposing to categorize SEAC committees into general and ad hoc committees. General committees meet regularly and frequently. Ad hoc committees meet irregularly and/or meet for a specific reason. Both categories will receive the same support from SEAC. Please reach out to administrator@seacolorado.org with any comments or questions.

Active Committees

Committee	Chairperson	Contact Phone	Board Liason
Business Management	Tom Soell	303-444-1951	Brian Lobmeyer
Education	Irena Khanek Mere Hall	720-296-7959 470-398-6553	Sara Mickus
Existing Structures	Evan Hammel	720-415-6814	McKenzie Glass
Nominating	Ben Nelson	303-431-6100	Scott Hargrove
Northern Colorado	Greg Black	970-213-1824	Scott Hargrove
Scholarship	Jeannette Torrents	303-444-1951	Jordan Jarrett
SE3	Jordan Jarrett	720-352-2979	Jordan Jarrett
Steel	Sylvia Iverson	720-672-3520	Kim Olson
Student Outreach	Brian Lobmeyer	303-783-4797	Brian Lobmeyer
Sustainable Design	McKenzie Glass Michael Lyons	518-527-5904	McKenzie Glass
Western Slope	Sara Mickus	970-618-7708	Sara Mickus
Wind	Dale Statler	303-914-4300	Jordan Jarrett
Wood	Jeremy Crandall	303-458-1736	Sara Mickus
Young Members	Kamryn Froehle	907-854-8757	Holly Janowicz

Ad Hoc Committees (active as needed / cyclically)

Committee	Chairperson	Contact Phone	Board Liason
BIM Committee	Alejandra Contreras	720-666-0163	Kim Olson
Building Department	OPEN		Holly Janowicz
Ethics	Peter Marxhausen	720-618-6473	Brian Lobmeyer
Licensure and Continuing Education	Brian Lobmeyer Chad Mitchell	303-783-4797 303-741-3737	Brian Lobmeyer
Membership	Matthew Hood Lacey Goetz	303-318-6539 303-804-7003	Kim Olson
SEER	Mike Piper	303-431-6100	Brian Lobmeyer
Seismic	Rob Jackson	303-870-9334	Holly Janowicz
Standard of Practice	Ben Cook	303-909-7438	Scott Hargrove
Snow Load	Jeannette Torrents	303-444-1951	Brian Lobmeyer

WELCOME NEW MEMBERS

Professional Members

Steve Austin
Hollingsworth Pack

Tristan Burm

Derek Sawyer
SGM

Student Members

Kevin Harris
UC Denver

Alfredo Perez
University of Colorado Boulder

2023 SEAC CALENDAR OF EVENTS

BOD Meetings | 8:00 a.m.

Thursday May 4, 2023

Thursday June 1, 2023

Thursday July 6, 2023

Thursday August 3, 2023

Thursday September 7, 2023

Thursday October 5, 2023

Thursday November 2, 2023

December Board Orientation TBD

General/Annual Meetings | 7:30 a.m.

Thursday May 18, 2023 | PPA Event Center

Thursday July 20, 2023 | PPA Event Center

Thursday September 21, 2023 | PPA Event Center

Fall Seminar October 12, 2023 | Doubletree Westminister

Annual Meeting November TBD

SEAC Newsletter Deadlines

July Issue - June 26, 2023

September Issue - August 28, 2023

November Issue - October 23, 2023

SEAC ENews Deadlines

June Issue - May 22, 2023

August Issue - July 24, 2023

October Issue - September 25, 2023

December Issue - November 27, 2023

May & June Committee Meetings

SEAC/RMSCA Steel Committee Meeting
Wednesday May 17, 2023

Standards of Practice Committee Meeting
Thursday May 18, 2023

Sustainable Design Committee Meeting
Thursday May 18, 2023

SE3 Committee Meeting
Thursday May 25, 2023

Business Management Committee
Thursday June 8, 2023

Wood Committee Meeting
Thursday June 15, 2023

SEAC/RMSCA Steel Committee Meeting
Wednesday June 21, 2023

Sustainable Design Committee Meeting
Wednesday June 21, 2023

SE3 Committee Meeting
Thursday June 22, 2023



JOB OPENINGS

Engineered Solutions Specialist
Denver, Colorado, United States



WHAT'S THE ROLE?

Responsible for maximizing the specification and sales of designed engineered solutions and calculation services through identification of target applications, creation of designed solutions, provision of bid packages to all bidding contractors, convincing of winning bidder to use and purchase our solution and ensuring delivery of the products and services agreed to on the purchase order. Develops and executes a unique bid strategy for each target project, with the goal to sell the relevant bid package to the responsible contractor.

Salary Range:

At Hilti, it is not typical for an individual to be hired at or near the top of the range for their role, and compensation decisions are dependent on the facts and circumstances of each case. A reasonable estimate of the current pay rate is a base salary between \$93,510.00-\$106,000.00 and a bonus of \$18,900.00.

WHO IS HILTI?

Hilti is where innovation is improving productivity, safety and sustainability in the global construction industry, and beyond. Where strong customer relationships are creating solutions that build a better future.

WHAT DOES THE ROLE INVOLVE?

- Regularly scans project databases and makes assessment of most attractive projects to target, based on multiple criteria, key applications, and assessment of the competitive market situation, the key contractors, and their capabilities. Prioritizes target projects through managed, constantly evolving project funnel
- Specifies creation of engineered solutions for overhead grid, raised floor, pipe/cable tray supports, seismic bracing solutions, and E&I stands
- Provides practical check on engineered solution as it relates to project environment and application as well as market competitiveness.
- Support the delivery of engineering designs for our BIM services. Attend project coordination meetings and support BIM PM with client technical questions
- Coaches Account Managers in coverage area to improve competence of key project types, applications, and products and their ability to answer basic technical questions
- Leverage Technical Back-Office, Hilti Field Engineer, Regional Manager, and Account Manager as needed throughout the process
- Provide competent recommendations to engineers, architects on specific applications using sound engineering judgment; educate specifier on technical advantages of Hilti solutions not covered by test data and provide field training needed during installation
- Additional duties as assigned

WHAT DO WE OFFER?

You'll be given everything you need to excel in your role. You'll receive a generous compensation package for the work that you do with the possibility to earn bonus for going above and beyond.

WHAT YOU NEED IS:

- B.S. in Civil/ Structural Engineering or 5+ years Hilti experience designing installation systems in the United States or Canada required
- Professional engineering license (civil or structural) and familiarity with US and/or Canadian steel design or equivalent preferred
- Proven success with selling value added and/or engineered solutions to contractors/end users
- Familiarity with project plans, specifications and commercial terms
- Good communication and project management skills

Hilti, Inc is committed to employing a diverse workforce. Qualified applicants will receive consideration without regard to race, color, religion, sex, national origin, age, sexual orientation, gender identity, gender expression, veteran status, or disability.

[Click Here to apply now](#)



2023 BOARD OF DIRECTORS



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President

BYLD
720-257-4468



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720-244-5998



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970-491-3378



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303-720-4076



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970-618-7708



McKenzie Glass
Director

Martin/Martin
720-544-5433



Brian Lobmeyer
Past President

Anchor Engineering Inc.
303-783-4797

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!