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2020 NCSEA Delegate Report

Submitted by Jeannette Torrents, SEAC Delegate

Virtual SEA Leadership Retreat: June 10, 17, 24, 2020

Lacey Goetz, Susie Jorgensen, Jeannette Torrents, and Becky Roland attended on behalf of SEAC. Topics covered:

- Increasing SEA Reach & Influence
- Engagement in SEA Meetings, Events, & Education
- Optimizing Structural Engineering Association Operations

Full report submitted to SEAC Board.

2020 Structural Engineering Summit: October/November 2020.

This year's summit was held virtually to COVID. The event included three days of live-streamed presentations, three days of bonus content presentations, a virtual exhibit hall open for two months, and interactive virtual lounges. A total of 26 hours of continuing education hours were offered: a new record. There were over 400 attendees.

Each year NCSEA recognizes exceptional projects and people in our industry.

Project categories are:

- New Buildings under \$30 Million
- New Buildings \$30 Million to \$80 Million
- New Buildings \$80 Million to \$200 Million
- New Buildings over \$200 Million
- New Bridges or Transportation Structures
- Forensic | Renovation | Rehabilitation Structures up to \$20 Million
- Forensic | Renovation | Rehabilitation Structures over \$20 Million
- Other Structures

For a full list of project awards, see the [recent article](#) in STRUCTURE magazine.

Jerry Maly received the Robert Cornforth Service Award for his contributions to SEAC. This award is presented to “an individual for exceptional dedication and exemplary service to a Member organization and to the profession.”

You can watch the 2020 Special Awards Presentation including Jerry's acceptance speech [here](#).



The overall objective of SEAC is the advancement of the practice of structural engineering for the benefit of public safety and the structural engineering profession.

2021 Annual Business Meeting: January 13, 2021

This year's annual business meeting was held online. Lacey Goetz, Jeannette Torrents, Brian Lobmeyer, Jeff Borger, and Chad Mitchell attended on behalf of Colorado.

2020-2021 NCSEA Board of Directors

President Emily Guglielmo (SEAOC)
Vice President Ed Quesenberry (SEAO)
Secretary Ryan Kersting (SEAOC)
Treasurer David Horos (SEAOI)
Director Jami Lorenz (SEAMT) (Colorado Board Liaison)
Director Richard Boggs (SEC/CT)
Director Eli Gottlieb (SEAO NY)
Director Jon Schmidt (SEAKM)

The 2021-2022 Board of Directors will be elected February 12th.

Year in Review

NCSEA hosted a variety of virtual conversations to encourage interaction and resource sharing between MOs topics ranged from the Economic Impact on Structural Engineers from COVID-19 to Scholarship Programs. The SEAC Education Committee presented on Virtual Project Presentations.

Diversity, Equity, and Inclusion

- NCSEA, CASE, and SEI issued a joint Call to Action to denounce racism and to commit to furthering diversity, equity, and inclusion in our profession.
- The organizations are working with the National Society of Black Engineers (NSBE) and the Society of Hispanic Professional Engineers (SHPE).
- SE3 has created a racial equity task committee
- Held a 3-part series on implicit bias, implicit diversity, and cultural humility (Funded by the NCSEA Foundation)
- Incorporated a DEI-focused Read.Watch.Listen series into the monthly Structural Connection newsletter



NCSEA helped Member Organizations (MOs) with education, SEA operations, and Volunteer Training and Support including a SEAC Leadership Training February 28th in Denver for board members and committee chairs.

Public Outreach Challenge

The Public Outreach Challenge recognizes SEAs that are improving the visibility and recognition of SEs through news articles, videos, blogs, etc.

This year's winners are:

- Public Outreach: SEAW (Washington) For creative and responsive programming during pandemic that appealed to both the SE Profession and public (beyond Washington), including the use of social media to increase presence and coverage.
- Political Advocacy: SEAW (Washington) For highly proactive representation, awareness and involvement with the state government
- Students & Educators: SEAKM (Kansas-Missouri) For forming partnerships with schools and advocating for the profession through a creative student outreach program
- Outreach Related to NCSEA Initiatives: SEAOC (California) For responsiveness to NCSEA's Call to Action including: SE3 support for DEI initiatives; empowering local leaders and community members through the Safer Cities Program; and a top-notch scholarship program.

Grants (Funded by the NCSEA Foundation)

Each year NCSEA awards grants to member organizations to help strengthen the structural engineering profession. Awards range from \$250 to \$5,000. Several of the awards fund pilot programs that can be shared with other SEAs in the future. This year's grants were awarded to:

- **SEAC to launch an SE3 Committee**
- SEAIO for STEM videos and remote site visits
- SEAU Wasatch Front Seismic Study
- SEAONC SE3 DEI Firm Leader Cohort
- SEAO Student Scholarship
- SEAKM Student Outreach/Mola Model Initiative



SEA Reports

- 57% of SEAs have a scholarship program. SEAC is one of them.
- 17 SEAs use no social media platform. Of those who use social media, the top two platforms are LinkedIn and Facebook. SEAC uses [LinkedIn](#).
- 76% of MOs contacted NCSEA for assistance or guidance in 2020. SEAC contacted NCSEA for Leadership Training.
- 48% of SEAs support university student chapters. SEAC does not currently support a student chapter.
- 44% of SEAs have collaborated with another SEA or NCSEA regarding an event or program.
- 47% of SEAs have an awards program. SEAC does not have a project award program.
- Dues is the primary source of revenue for 68% of SEAs.
- 54% of SEAs saw a decrease in membership in 2020 with an average drop of 17%.
- Dues range from \$40 to \$315 annually.

- Length of delegate service ranges from 0-22 years. SEAC's delegate has a term of 3-5 years.
- Length of alternate delegate service ranges from 0-10 years. SEAC's alternate delegate changes each year.

What do SEAs want from NCSEA?

- Pandemic Support
- DEI Support
- SEA Connections
- Sponsor Engagement
- Presenter Assistance
- Support with SEA Admin Tasks

SEA Resources:

- Delegate Handbook
- Tools for your SEA (by topic)
- SEA Report Summaries
- Recommended Speaker List
- Social Media Guide
- YMG and Student Chapter Start Up Guides
- SE3 Start Up Guides
- STEM Resources



Year Ahead

Funding for a PR & Marketing Campaign, Digital Assessment and Upgrade, and NCSEA Foundation.

March Focus Group on NCSEA/SEA Communication

NCSEA Foundation

The NCSEA Foundation was founded in 2020 to support the non-profit activities of NCSEA and its Member Organizations that advance the structural engineering profession. The purpose of the Foundation is to fund qualifying initiatives and activities such as:

- Outreach and education initiatives that relate to structural engineering
- Research and technical development intended to aid in the advancement of the science and practice of structural engineering
- Publication of educational and technical materials that support the practice of structural engineering
- Events and activities that promote engagement within NCSEA's Member Organizations.



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New Grad Initiative

New NCSEA program to help new engineering graduates integrate into the structural engineering profession. The goal is to partner with members of the industry to help develop technical content while utilizing existing NCSEA committees/resources to deliver this material. First area of focus will be masonry design.

Upcoming Events

February 23: Virtual Town Hall hosted by NCSEA/CASE/SEI to review current and proposed initiatives.

April: Virtual SEA Leadership Retreat

October 12-15: 2021 NCSEA Summit in New York City and on-line.

