

# National Council of Structural Engineers Associations

Report to the Structural Engineers Association of New Mexico  
December 12, 2018



## Topics

- Background, Mission, Vision
- Board and Staff
- Partnering Organizations
- Membership
- Member Benefits
- Primary Functions
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Background

Organized in 1993

Council of state and regional Structural Engineers Associations

Created to focus on the needs and concerns of practicing structural engineers

- Promotes communication between states
- Provides a national voice for structural engineers
- Provides direct access through local SEAs



Vision and Mission

Vision

- The National Council of Structural Engineers Associations will be recognized as the leading advocate for the practice of structural engineering

Mission

- NCSEA advances the practice of structural engineering by representing and strengthening its Member Organizations

Strategic Planning

- Anticipated Summer 2019 in Chicago



Board of Directors

- President – Jon Schmidt (KS/MO)
- Vice President – Susan Jorgensen (CO)
- Secretary – Emily Guglielmo (CA)
- Treasurer – Ed Quesenberry (OR)
- Directors
  - David Horos (IL)
  - Stephanie Young (MN)
  - Richard Boggs (CT)
  - Paul Rielly (TX)
- Past President – Bill Warren (CA)



Staff

- Executive Director – Al Spada
- Director of Business Dev. & Meetings – Susan Cross
- Education Director – Jan Diepstra
- MO & Committee Services Director – Leo Baran
- Marketing & Communications Manager – Dana Long
- Administrative Manager – Joyce VanWieren
- Contract Accountant – Dawn Debias



Partnering Organizations

National organizations representing structural engineers:

- NCSEA – National Council of Structural Engineers Associations
- CASE – Council of American Structural Engineers (ACEC)
- SEI – Structural Engineering Institute (ASCE)

- NCSEA is the only one that is autonomous
- Cost to join is just \$20, paid through MO dues



Partnering Organizations

Council of American Structural Engineers (CASE) of ACEC

- Focus is on business practices
- Membership: Structural Engineering Firms

Structural Engineering Institute (SEI) of ASCE

- Focus is primarily on codes, standards, and technical journals
- Membership: Individuals

National Council of Structural Engineers Associations (NCSEA)

- Focus is on providing resources for practicing engineers
- Membership: Structural Engineers Associations

Memorandum of Understanding allows each organization to concentrate on areas where it can best serve the profession



Partnering Organizations

Structural Engineering Certification Board (SECB)

- NCSEA committee developed model
- Certification is one step in attempting to achieve uniform SE licensure
- Goal is to establish a nationwide standard for the profession of structural engineering
- NCSEA set up independent board, wrote bylaws, and created program
- Initially managed by NCSEA staff, now by firm in New York
- [www.secb.org](http://www.secb.org)



Partnering Organizations

Structural Engineering Licensure Coalition (SELC)

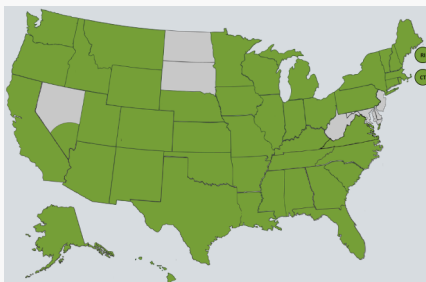
- Joint effort of NCSEA, CASE, SEI, and SECB
- United voice for promoting structural licensure
- Compiling articles, case studies, and other resources
- Long-term hope is cooperation on other issues, evolution into Structural Engineering Leadership Coalition
- [www.selicensure.org](http://www.selicensure.org)



## Membership

### Member Organizations (MOs)

- State-level Structural Engineers Associations
- Currently 44 MOs representing 45 states (plus DC) and over 10,000 practicing structural engineers
- Wyoming (SEAWY) joined as the 44<sup>th</sup> MO in 2013



## Membership

### Associate Membership

- Nationally recognized bodies that are associated with the practice of structural engineering

### Affiliate Membership

- Companies who provide supplies or services to structural engineers, including vendors of structural engineering applications software, insurance and structural products used for construction

### Sustaining Membership

- Structural engineering firms, firms that employ structural engineers, or individual professional engineers practicing structural engineering



Member Benefits

*STRUCTURE* magazine

- Owned by NCSEA Media, which is owned by NCSEA
- Published in cooperation with CASE and SEI
- Media Board oversees operations and finances
- Editorial Board solicits and “shepherds” all articles
- Distributed to all SEA, CASE, and SEI members
- Issued monthly, with circulation over 32,000
- Electronic “flip” version is a “members only” benefit
- All content is still posted at [www.STRUCTUREmag.org](http://www.STRUCTUREmag.org)



Member Benefits

Other NCSEA Member Benefits

- Monthly e-newsletter (*Structural Connection*)
- Discounts on webinars, SE Review Course, Summit
- Eligibility for Young Member scholarships to Summit
- Eligibility to join NCSEA Committees
- Access to Web-based communities (LinkedIn, BaseCamp)
- Access to online member & education portals
- Discounts on NCSEA & selected ICC publications
- Connecting state-level SEAs with national resources
- [www.ncsea.com](http://www.ncsea.com)



Primary Functions

Address Broad National Issues

- Advocacy
- Building Codes
- Education
- Emergency Response
- Structural Licensure
- *STRUCTURE* magazine
- Other Publications



Primary Functions

Foster Communication Among SEAs

- Each MO designates one individual as Delegate and at least one individual as Alternate Delegate
- Delegates authorized to speak and vote on MO's behalf at NCSEA meetings and on official ballots
- Delegates are primary conduit between NCSEA and the Member Organizations
- Delegates should attend MO Board meetings in order to maintain communication between the organizations
- NCSEA Committee members should attend MO Board or counterpart committee meetings for coordination



## Committees

- Basic Education
- Code Advisory (with 7 Subcommittees)
- Communications (Internal & External)
- Continuing Education
- Publications
- Resilience
- Structural Engineering Emergency Response (SEER)
- Structural Engineering Engagement & Equity (SE3)
- Structural Engineering Summit & Awards
- Structural Licensure
- Young Member Group Support



## Annual Conference

### Structural Engineering Summit – Past

- Board Meetings (Tuesday)
- Committee Meetings (Wednesday)
- Two Days of Technical Sessions (Thursday-Friday)
- Installation of New Officers (Friday Dinner)
- Presentation of Awards (Friday Dinner)
- Business Meeting / Committee Reports (Saturday AM)
- 2018 event was October 23-27 in Chicago, IL



## Annual Conference

### Structural Engineering Summit – Future

- Board Meetings (Monday)
- Committee Meetings (Tuesday)
- 2.5 Days of Technical Sessions (Wednesday-Friday AM)
- NCSEA Committee Chair Interaction (Tuesday PM)
- NCSEA Board Town Hall (Wednesday PM)
- Business Meeting / Officer Installation (Thursday Lunch)
- Presentation of Awards (Thursday Dinner)
- Delegate/Leadership Training (Friday AM)
- 2019 event is November 11-15 in Anaheim, CA
- 2020 event is TBD in Las Vegas, NV



## Awards

### Excellence in Structural Engineering Awards

- Presented since 1998
- Recognizes structural engineering achievement and innovation in multiple categories
- Projects are judged on innovative design, engineering achievement, and creativity
- Winning projects are featured in *STRUCTURE* magazine throughout the subsequent year
- Judging is typically done by members of one MO
- 2019 submission deadline is July 16 for projects substantially completed between 1/1/16 and 6/30/19



## Awards

## Special Awards

- Service Award – presented to an individual who has worked for the betterment of NCSEA to a degree that is beyond the norm of volunteerism
- Robert Cornforth Award – presented to an individual for exceptional dedication and exemplary service to a Member Organization and to the profession
- James Delahay Award – recognizes outstanding individual contributions towards the development of building codes and standards
- Susan M. Frey Award – presented to an individual who has a genuine interest in, and extraordinary talent for, effective instruction for practicing structural engineers



## Working Together

## Opportunities for SEANM

- Participate in regular MO webinars
- Make Delegate a multi-year position
- Have NCSEA as standing agenda item for SEANM Board
- Align SEANM committees with NCSEA committees
- Share contact information for officers & committee chairs
- Share resources like white papers, presentations, etc.
- Share information about upcoming events
- Nominate candidates for NCSEA Board & Special Awards



Working Together

Opportunities for SEANM Members

- Read *NCSEA News & Structural Connection*
- Join NCSEA committees ([www.ncsea.com/committees](http://www.ncsea.com/committees))
- Participate in practitioner surveys (Basic Education, SE3)
- Register trained emergency responders in SEER database
- Submit code change ideas to Code Advisory Committee
- Submit articles for *STRUCTURE* magazine
- Submit projects for NCSEA Excellence in Structural Engineering Awards



Questions/Comments

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