



## STRUCTURAL ENGINEERS OF COLORADO

### NEWSLETTER

# MAY GENERAL MEETING

## 2013 Schedule

### Mark Your Calendar

#### General Membership Meetings

Renaissance Hotel

(Breakfast 7:30 a.m.)

January 17

March 21

May 16

July 18

September 19

#### Fall Seminar

October 17

Location: TBD

Time: TBD

#### Annual Banquet

November 14

Location: TBD

Time: TBD

#### Board of Directors

*Monroe & Newell Engineers*

(7:30 a.m.)

January 3

February 7

April 4

June 6

August 1

October 3

#### Business Management Committee -

Renaissance Hotel

(Breakfast 7:30 a.m.)

February 14

April 11

June 13

August 8

October 10

## Professional Ethics for Structural Engineers

**W**hat is professional ethics? How does it differ from ordinary ethics and morality? What should a structural engineer do when professional ethics and ordinary ethics conflict?

**D**o any of these questions matter for the practicing structural engineer? This presentation will explore these and related questions. First, it will introduce the concepts of professional and ordinary ethics and explain the possible tension between them, using examples from structural engineering and other fields. Next, the presentation will explore practical questions of professional ethics in context, including competence, communications with clients and nonclients, conflicts of interest and reporting misconduct. Finally, it will examine the relationship between professional ethics, competitive market forces and legal liability.

Please join us on Thursday, May 16th at the Renaissance Hotel, Denver. We hope to see you there!



The presentation will be given by Eli Wald, the Charles W. Delaney Professor of Law at the University of Denver Sturm College of Law, a legal ethics expert.

## Don't Miss Out May General Meeting

Thursday, May 16, 2013  
(Breakfast at 7:30 a.m.)

**Location: Renaissance Denver Hotel**

3801 Quebec Street, Denver, CO 80207  
(South of the I-70 & Quebec Intersection)

**MUST RSVP by Monday, May 13th**  
on the SEAC website at:  
[www.seacolorado.org](http://www.seacolorado.org) or e-mail  
Caryn Farrell at:  
[seac@martinmartin.com](mailto:seac@martinmartin.com)

**BREAKFAST  
MEETING**

# BOARD OF DIRECTORS

Structural Engineers Association of Colorado



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

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

# PRESIDENT'S MESSAGE

Structural Engineers Association of Colorado

**T**imes are a changing! There are a lot of things to be excited about with SEAC this month! We are going to provide our FIRST webcast of the General meeting to our members located outside of the Denver area. Our Legislative Committee Chairman, **Andrew Kelsey**, will be (and has been) testifying before the Legislative Committee about CO Senate Bill 13-052. The Seismic Committee has received a ballot from the Building Seismic Safety Council, of which, we are a member organization, and will be voting on topics related to upcoming changes in the seismic codes.

Our Northern Colorado Committee had its first meeting and will be joining us on May 16 via the webcast. The Education Committee met and is looking into doing an all-day Fall Seminar with several out of town speakers, including a room of vendors. The Steel Liaison Committee is studying the Commercial Real Estate Revolution (not steel, but still relevant and interesting!). Our members participated in an online survey about a proposed CO Legislature Bill about adding Continuing Education Requirements to the DORA Professional Engineers statutes. We are having our first presentation on Ethics at a General meeting (at least that I can remember).

Talking about change has also made me realize how much things have stayed the same for so many years. At the Business Practice Management Committee meeting in April, the topic of discussion was the "Strategic Planning for SEAC". What does the future for SEAC look like? Will our purpose change? Can we adapt to the changes in society? There were many good comments and concerns about where SEAC has been and where we are going. In the end, the committee has agreed to put together a plan to conduct discussions about strategy planning for the Future of SEAC. I would like to add a thank you to the committee for having the foresight and willingness to take on this topic.

Similarly, the topic of some possible outdated sections of our By-laws came up during discussions about being able to respond to the recent legislative measures. I am hoping to find some volunteers to review the By-laws and propose revisions to bring us up to speed with today's media and available options. ....

## Anyone interested?

A quick thanks to member **Peter Marxhausen** for a wonderful presentation in March. His presentation is now on the website and I hope he gets a chance to present it at some other venues. Thanks to **Andrew Kelsey** for his time, efforts, and handsome good looks during his appearance before the various committees at the CO legislature. Also, thanks to **Cody Geisendorfer** for being the enthusiasm and push behind the Northern CO Committee. Thank you to all the SEAC members and Committee chairpersons who have been doing the good work of SEAC!

So, now that I have listed out many of the things going on within SEAC and it's committees and members, it's time for those not involved to jump in and lend a hand. Let me or any of the Board of Directors or any of the Committee Chairpersons know what you can help with. SEAC is a wonderful organization, but there is so much more that we could do!



Jim Ness, PE  
SEAC President



# SPONSORS - THANK YOU

Structural Engineers Association of Colorado

YOUR LOGO COULD GO HERE!!!

MARCH SPONSOR  
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Do you know someone who would like to sponsor one of our SEAC Meetings? Please contact David Poe - Past-President for more information. [david@anchoreng.com](mailto:david@anchoreng.com)



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# GENERAL ANNOUNCEMENTS

Structural Engineers Association of Colorado

## SEAC Northern Colorado Committee

On April 18<sup>th</sup>, the SEAC Northern Colorado Committee met to kickoff monthly meetings for the Northern Colorado region. The Northern Colorado Committee was created to increase SEAC's reach outside of the Denver Metro area and in order to benefit Northern Colorado engineers. The committee will allow for more convenient access to SEAC's general membership meetings by group internet streaming, continuing education, and helping to create networking opportunities for engineers in the region. There were seven engineers in attendance with six additional engineers unable to attend due to inclement weather or other prior commitments. Those present were enthusiastic and excited about the committee and its future plans. The committee will alternate between streaming the general membership meetings and providing topics and speakers of local interest. The next committee meeting will be held on May 16<sup>th</sup> at 7:30 am at a location to be determined and will stream the general membership meeting. Northern Colorado CAGE and the ASCE CSU student chapter and structural professors will also be invited.

Cody Geisendorffer/Chairman

## Seac Seismic Code Committee

The SEAC Seismic Code Committee is looking for volunteers. We will have the opportunity to cast several ballots as the Building Seismic Safety Council prepares the 2014 edition of the NEHRP Recommended Seismic Provisions. That document will recommend changes to the seismic provisions of ASCE 7, as well as propose new concepts for review and consideration. SEAC is a voting member of BSSC, and the committee will review the member organization ballots, meet to discuss, and prepare comments on the ballots where appropriate. If you are interested, please contact Jim Harris by phone 303-860-9021 or e-mail Jim at: [Jim.Harris@JRHarrisAndCo.com](mailto:Jim.Harris@JRHarrisAndCo.com)

# WELCOME

## Please Welcome Our New Member

Nick A. Geurts (Professional Member)  
Martino and Luth, Inc.

# EMPLOYMENT OPPORTUNITIES

Structural Engineers Association of Colorado



Denver based Western Engineering & Research Corporation (WERC) has an immediate opportunity for an experienced Structural Engineer with strong problem solving skills. This position will encounter diverse, challenging and interesting engineering problems, and will evaluate cause and origin of failures, author technical reports, and provide related legal testimony. Management and leadership opportunity for competent and motivated individual.

The primary responsibilities for this position include:

- investigate structure failures
- soil movement damage assessment
- snow, wind, and seismic damage assessment
- prepare reports
- peer review reports of others
- provide trial testimony

The candidate must have the following qualifications:

- BS + 10 years of engineering experience
- Colorado PE
- critical thinking and problem solving skills
- excellent written and verbal communication skills
- some travel required

The following additional qualifications are preferred:

- MS, MBA or PhD
- Authored technical publications
- SE, NCEES and multiple state registrations
- prior testimony record

Submit resume to [employment@werc.com](mailto:employment@werc.com). Denver based WERC provides investigation of building failures, structural collapses, construction injury accidents, mechanical failures, electrical failures, fires and explosions, and our professionals provide expert opinions in deposition and trial.

## Classified Ad Policy

To place an ad please contact

Caryn Farrell at:

[seac@martinmartin.com](mailto:seac@martinmartin.com)

Ads will be placed on the SEAC website and newsletter.

The cost is \$100.00.

# SEAC COMMITTEES... We Need You!

Structural Engineers Association of Colorado

Have you considered joining a committee? Your participation is what makes our organization so successful. If you are interested in joining, please click on the one of the links below to get in touch with a Committee Chairperson, or feel free to contact one of the Board of Directors.

|    | <u>Committee</u>           | <u>Chair</u>       | <u>Phone</u>   | <u>Chair Email</u>   | <u>Board Liaison</u> | <u>Liaison Email</u>   |
|----|----------------------------|--------------------|----------------|--|----------------------|--|
| 1  | Architectural              | Mark Cormier       | (303) 444-1951 | <a href="mailto:mcormier@jvaiva.com">mcormier@jvaiva.com</a>                       | Jim Ness             | <a href="mailto:jness@monroe-newell.com">jness@monroe-newell.com</a>             |
| 2  | BIM                        | Dezi Mackey        | 303-431-6100   | <a href="mailto:dmackey@martinmartin.com">dmackey@martinmartin.com</a>             | Stan Welton          | <a href="mailto:SWelton@ThorntonTomasetti.com">SWelton@ThorntonTomasetti.com</a> |
| 3  | Building Dept. Survey      | DORMANT            | 303-447-2813   |  | Tom Skinner          | <a href="mailto:tskinner@jvaiva.com">tskinner@jvaiva.com</a>                     |
| 4  | Business Management        | Wayne Muir         | 303-399-5154   | <a href="mailto:wayne@sci-denver.com">wayne@sci-denver.com</a>                     | David Poe            | <a href="mailto:david@anchoreng.com">david@anchoreng.com</a>                     |
| 5  | Denver Building Dept.      | Jerry Maly         | (303) 914-4300 | <a href="mailto:jmaly@wje.com">jmaly@wje.com</a>                                   | Paul Hause           | <a href="mailto:paul@sci-denver.com">paul@sci-denver.com</a>                     |
| 6  | Education                  | Natalie Mozer-Renn | (303) 870-5039 | <a href="mailto:mozerrenn@comcast.net">mozerrenn@comcast.net</a>                   | Jim Ness             | <a href="mailto:jness@monroe-newell.com">jness@monroe-newell.com</a>             |
| 7  | Ethics                     | DORMANT            |                |  | Bob Patillo          | <a href="mailto:bob@paengineers.com">bob@paengineers.com</a>                     |
| 8  | Geotechnical               | John Reins         | 720-962-8688   | <a href="mailto:jreins@wje.com">jreins@wje.com</a>                                 | Don Carroll          | <a href="mailto:don.carroll@jrharrisandco.com">don.carroll@jrharrisandco.com</a> |
| 9  | Legislative                | Andrew Kelsey      | (303) 499-3022 | <a href="mailto:a.kelsey@ascentgrp.com">a.kelsey@ascentgrp.com</a>                 | David Poe            | <a href="mailto:david@anchoreng.com">david@anchoreng.com</a>                     |
| 10 | Membership                 | Jerry Maly         | (303) 914-4300 | <a href="mailto:jmaly@wje.com">jmaly@wje.com</a>                                   | David Poe            | <a href="mailto:david@anchoreng.com">david@anchoreng.com</a>                     |
| 11 | NCSEA Liaison              | Brent Norris       | 303-860-9021   | <a href="mailto:brent.norris@jrharrisandco.com">brent.norris@jrharrisandco.com</a> | Jim Ness             | <a href="mailto:jness@monroe-newell.com">jness@monroe-newell.com</a>             |
| 12 | Nominating                 | Jerry Maly         | (303) 914-4300 | <a href="mailto:jmaly@wje.com">jmaly@wje.com</a>                                   | Paul Hause           | <a href="mailto:paul@sci-denver.com">paul@sci-denver.com</a>                     |
| 13 | Northern Colorado          | Cody Geisendorfer  | (970) 416-7891 | <a href="mailto:codyag@live.com">codyag@live.com</a>                               | Bob Patillo          | <a href="mailto:bob@paengineers.com">bob@paengineers.com</a>                     |
| 14 | Precast Concrete           | J. D Schafer       | (303) 777-0977 | <a href="mailto:jdschafer@stresscon.com">jdschafer@stresscon.com</a>               | Tom Skinner          | <a href="mailto:tskinner@jvaiva.com">tskinner@jvaiva.com</a>                     |
| 15 | SEER                       | Brent Norris       | (303) 860-9021 | <a href="mailto:brent.norris@jrharrisandco.com">brent.norris@jrharrisandco.com</a> | Don Carroll          | <a href="mailto:don.carroll@jrharrisandco.com">don.carroll@jrharrisandco.com</a> |
| 16 |                            | Mike Piper         | 303-431-6100   | <a href="mailto:mpiper@martinmartin.com">mpiper@martinmartin.com</a>               |                      |  |
| 17 | Scholarship                | Stan Neujahr       | (303) 377-2732 | <a href="mailto:stanneujahr@neujahrgorman.com">stanneujahr@neujahrgorman.com</a>   | Tom Skinner          | <a href="mailto:tskinner@jvaiva.com">tskinner@jvaiva.com</a>                     |
| 18 | Seismic Standards          | DORMANT            |                |  | David Poe            | <a href="mailto:david@anchoreng.com">david@anchoreng.com</a>                     |
| 19 | Snow Loads                 | Jeanette Torrents  | 303-444-1951   | <a href="mailto:jtorrents@jvaiva.com">jtorrents@jvaiva.com</a>                     | Tom Skinner          | <a href="mailto:tskinner@jvaiva.com">tskinner@jvaiva.com</a>                     |
| 20 | Standard of Practice       | Jim Ness           | (303) 623-4927 | <a href="mailto:jness@monroe-newell.com">jness@monroe-newell.com</a>               | Jim Ness             | <a href="mailto:jness@monroe-newell.com">jness@monroe-newell.com</a>             |
| 21 | Steel Materials            | Bruce Wolfe        | 303-399-5154   | <a href="mailto:bruce@sci-denver.com">bruce@sci-denver.com</a>                     | Tom Skinner          | <a href="mailto:tskinner@jvaiva.com">tskinner@jvaiva.com</a>                     |
| 22 | Web Site                   | David Poe          | (303) 783-4797 | <a href="mailto:david@anchoreng.com">david@anchoreng.com</a>                       | David Poe            | <a href="mailto:david@anchoreng.com">david@anchoreng.com</a>                     |
| 23 | Western Slope (Proposed)   |                    |                |  | Bob Patillo          | <a href="mailto:bob@paengineers.com">bob@paengineers.com</a>                     |
| 24 | Wind Loads                 | Jeanette Torrents  | 303-444-1951   | <a href="mailto:jtorrents@jvaiva.com">jtorrents@jvaiva.com</a>                     | Tom Skinner          | <a href="mailto:tskinner@jvaiva.com">tskinner@jvaiva.com</a>                     |
| 25 | Young Engineers (Proposed) |                    |                |  | Paul Hause           | <a href="mailto:paul@sci-denver.com">paul@sci-denver.com</a>                     |