

January 2019

ALASKA CAPITAL ENGINEERS

Upcoming Events

January Luncheon (1/9/18) –
Speaker: ADOT&PF Engineers,
Location: AEL&P

February Luncheon (2/6/18) –
Speaker: ASHSC, Location:
Hangar Ballroom

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January Menu Lunch Buffet

December 2019
Catering by Breeze In
\$20 per person
Location: AEL&P

Contact Matt McGuan to submit ideas
for luncheon Speakers:

Matthew.V.McGuan@uscg.mil

ASCE Juneau Branch Vice President's Message

Hello Alaska Capital Engineers and Fellow Professionals,

As the 2018-2019 Vice President for the Juneau Branch of ASCE I would like wish everyone a happy new year and thank all of you for your continued support and participation in ASCE. I would also like to encourage each of you to continue supporting our branch by attending our monthly luncheons and inviting other engineers that you work with or know to attend as well. Our officers work hard to organize events throughout the year and your participation is key to making those events a success.

At this month's luncheon we will be joined by Nick Murray an Engineer with the Department of Transportation (DOT). Nick will be discussing the earthquake in Anchorage that occurred early last month and the role that DOT played in the response efforts.

With the end of 2018 now is the time to start making nominations for Project of the Year (POY) and Engineer of the Year (EOY). Please send POY and EOY nominations to events@alaskacapitalengineers.org. The nomination forms can be found on the branch website. The deadline for nominations is January 31, 2019.

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ASCE Juneau Branch Vice President's Message (cont'd)

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Our February luncheon will be held at the Hangar Ballroom as part of the APDC Legislative Fly-in. Laura Kelley from the Alaska Seismic Hazards Safety Commission will be our guest speaker. The commission recently completed a Rapid Visual Screening study of school buildings in several large municipalities around the state.

We look forward to seeing you at our upcoming events.

Ethan Roemeling
ASCE Juneau Branch Vice-President



Mark your calendars:

- ✓ Project of the Year and Engineer of the Year nominations are due January 31, 2019.
- ✓ The 2019 APDC legislative fly-in will occur on Wednesday & Thursday, February 6-7. The February luncheon will be held on February 6th in conjunction with the fly-in.
- ✓ The 2019 Engineer's Banquet will be held at the Baranof Hotel on Saturday, February 23.

ACE January Luncheon

What: **Initial Earthquake Response Efforts**
Nicholas (Nick) Murray, PE
Bridge Design Staff
Statewide Design and Engineering
Services

Where: AEL&P, 5601 Tongsgard Ct

When: Wednesday, January 9, Noon to 1



In Memoriam: Dale A. Nelson, P.E., F.ASCE *12/14/1944 – †1/1/2019



The members of the Alaska Capital Engineers remember the truly significant contributions of Dale Albin Nelson to the Anchorage community, to Alaska, and to his engineering profession.

Dale was always a strong supporter of civil engineering education.

Dale's family wishes to direct any donations in Dale's name to the [Amos Joe Alter ASCE Alaska Section Scholarship fund](#).

Dale's family is very grateful for all cards, calls and prayers.



Please Comment on the Proposed Waters of the U.S. Rule

The U.S. Environmental Protection Agency (EPA) and the U.S. Army Corps of Engineers (USACE) recently released a [proposed rule](#) to alter definitions under the Waters of the U.S. (WOTUS) existing Obama-era rule, ([EPA news release](#)). This proposed rule redefines the scope of the federal government's jurisdiction over waters covered by the Clean Water Act. [ASCE submitted public comments](#) during the last WOTUS proposed rule process in 2014, and many of our suggested substantive changes made it into the Obama-era final 2015 rule. Once the proposed rule is published in the Federal Register, we will have 60 days to comment. (We are, however, working on a letter asking for an extension to the public comment period.)

Given the extensive impact of this proposed rule on infrastructure developments across the board, we are urging our members to participate in the public comment process. As civil engineers with a wealth of expertise, it is critical that ASCE members make their voices heard.

Two important points:

1. As you think about providing input, please refer to the specific issues upon which the EPA and USACE are seeking comments (found on the proposed rule's pages 69, 88, 103, 112, 130, and 151, respectively). (Helpful tip: [EPA's WOTUS homepage](#) contains many resources, such as fact sheets and infographics.)
2. We are asking our members to [send us their comments](#) to the proposed rule **by Thursday, January 31**. Our lead lobbyist on water issues is Natalie Mamerow (nmamerow@asce.org) – she can answer questions you may have but please email comments directly to govwash@asce.org to make sure it is counted.

Emily A. Feenstra
Director of Infrastructure Initiatives and Public Affairs
American Society of Civil Engineers



2018 Engineer of the Year and Project of the Year

It's time to think about nominating candidates for the 2018 ASCE Juneau Branch Engineer and Project of the Year awards! The deadline to submit your nominations is January 31st, 2019. Download your nomination forms here: <http://branches.asce.org/juneau/awards>

**Richard Pratt, PE, SE,
Chief Bridge Engineer, AK DOT&PF
2017 ASCE Juneau Branch
Engineer of the Year**



**Port of Juneau
Cruise Ship
Berths**

**2017 ASCE
Juneau Branch
Project of the
Year**



ASCE News Brief



President Signs Earthquake Program Reauthorization

BY ASCE Staff

December 20, 2018

On December 11th, President Trump signed [S. 1768, the National Earthquake Hazards Reduction Program \(NEHRP\)](#), which reauthorizes the federal program to improve the nation's earthquake preparedness for five years. The legislation is the first reauthorization of the NEHRP in 15 years and the program has operated without an authorization since October of 2009.

In addition to reauthorizing the program, the bill makes reforms by:

- Expanding to the scope of the program to include increasing the resilience of communities and to developing new planning codes along with model building codes.
- Including a definition of Community Resilience and referring to “Lifelines” as “lifeline infrastructure.”
- Requiring the Government Accountability Office (GAO) to review the program, the activities of the program agencies, and the effectiveness of its application to both public and private earthquake risk and hazard reduction activities within 3 years.
- Requiring Federal Emergency Management Agency (FEMA) and National Institute of Standards and Technology (NIST) to convene a committee of experts to recommend options for improving the built environment and critical infrastructure needed to support Community Recovery and resilience.
- Removing outdated language related to earthquake prediction and instead emphasizing the continued development of earthquake early warning systems through the Advanced National Seismic System.
- Enhancing coordination and data sharing among federal and state agencies.

[Read More >>](#)



Engineers Week 2019



This year's Engineers Week theme—**Engineers: Invent Amazing**—resonates with us as we are continually amazed by all of the engineers we know and all of the amazing ways they make the world a better place. We're amazed by the engineers who recently landed two rovers on an asteroid. We're amazed by volunteers, like this month's spotlight Anthony Marino, who work to create the next generation of innovators.



Engineers Week is a chance for all of us to celebrate amazing engineers and engage today's students in engineering.

Start your Engineers Week planning by reading the [10 Ways You Can Celebrate Engineers Week](#) and [Engage Students in Engineering](#). Then order your [Volunteer Kit](#) and check out the brand-new [2019 activities](#).

Join us and help [invent the future](#) of amazing!



PND Engineers is Hiring (Civil Engineer)



PND Engineers seeks a highly motivated civil design engineer with current P.E. registration and 5-10 years of professional experience for a key position in our dynamic, multidiscipline Juneau office. The award-winning team in this office performs challenging civil design and construction administration projects with special emphasis in Alaska's beautiful coastal environments. You will work on a variety of interesting projects, including roadway, utilities and waterfront facility design, project management, and contract administration. The successful candidate will have the opportunity to gain valuable experience through some travel within Southeast Alaska for design presentation, inspection, or related field activities. Apply online at www.pndengineers.com.

PND Engineers is an Equal Opportunity and Affirmative Action Employer.



PDC Engineers is Hiring (Civil Engineer)

This is a hands-on design and management position for utility, site and transportation design projects. Applicant must have experience providing technical leadership within civil engineering and diversified knowledge of engineering and construction practices. Candidates must possess strong communication skills, and the ability to lead a multidiscipline team, manage projects and interact with clients. This is a great career opportunity for a dynamic, energetic individual with proven technical and leadership skills.

Qualifications/Skills: B.S. in Civil or Engineering, Alaska Professional Civil Engineer License or ability to obtain within one year, 10+ years' of experience, AutoCAD & Civil 3D proficiency, GIS experience is a plus, Able to manage team and contracts on multiple projects concurrently, Detail oriented & well organized with demonstrated ability to meet deadlines, Strong verbal & written communication skills.

PDC is a 100-percent employee-owned company. We offer competitive pay, excellent benefits and advancement opportunities. PDC is an Equal Opportunity Employer.

This position is available in our Juneau office. Submit your cover letter and resume to PDC Engineers at jobs@pdceng.com.



Professional Development Hours

The ASCE Juneau Branch will provide electronic continuing education development hour certificates for those who are interested in tracking development hours received by attending the Alaska Capital Engineers Luncheons to hear speakers present on engineering topics. Certificates can be found on the branch webpage: <http://branches.asce.org/juneau/>

ASCE Juneau Branch Website

Bookmark this website for easy access to the events calendar, PDH certificates, new and archived newsletters, contact information and much more: <http://branches.asce.org/Juneau/>

For questions or concerns regarding the Juneau Branch ASCE website, please contact Ethan Roemeling.

AccessEngineering

Developed in partnership with McGraw-Hill Education, ASCE members now have FREE and unlimited usage of this award-winning engineering reference tool: www.asce.org/AccessEngineering



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Membership and Renewal

Thank you for your continued membership and support for ASCE and NSPE. Our professional organizations provide a great opportunity to network with other members of the engineering profession. Select the links below for society membership information.

[ASCE Membership Information](#)

[NSPE Membership Information](#)

2018-2019 Alaska Capital Engineers Officers

To support Alaska Capital Engineers, consider sponsoring this newsletter.

Contact Matt McGuan at:

Matthew.V.McGuan@uscg.mil

ASCE

President - Matt McGuan, PE
Vice President (candidate) - Ethan Roemeling, EIT
Treasurer (candidate) - Lucas Chambers, PE
Secretary (candidate) - Eric Antrim, PE
Past President - Mike Story, PE
Emeritus - Malcolm (Mal) Menzies, PE

Special Committees

DiscoverE Week - Please Volunteer
Halibut Feed - Please Volunteer

ASPE - Alaska Society Contacts

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Secretary - Jordan Martin, EI
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