

ASCE Region 8 - November/December 2016 Newsletter



"advance the Civil Engineering profession by serving the members of Region 8 as an extension of the Board of Direction"

Greetings!

The 2016 calendar year is fast coming to a close and ASCE has done much on many fronts which is a result of our members and Leaders at all levels, (Society, Section and Branch, Younger Members, Students). For this, I thank everybody, for your participation and efforts, it feels good to be part of the team!

ASCE activities have been reasonably quiet these last couple of months however 2017 will be starting the new year with a lot of activities in the first two weeks. There will be meetings of the Region 8 Board of Governors (BOG) and Assembly, ASCE Board of Direction (BOD), and the Region 8 & 9 Multi-Region Leadership Conference (MRLC). The MRLC is a workshop for Section, Branch and Institute leaders and the Younger Member and Student Chapter Leaders. All of these meetings will be in Los Angeles, 11 thru 14 January.

The Region 8 BOG's meeting, consisting of seven governors, will be in two parts. First, the Nominating Committee will be interviewing those individuals that have declared their interest in being an official Governor candidate, and the BOG will vote to determine who will be forwarded to Society to be on the ASCE Ballot for election for one of the three open Governor positions in 2018, and secondly, the business meeting which involves the transactions of the Region's business and it allows me an opportunity to present items from the ASCE BOD Agenda that will be meeting on 12 January. Usually there are several items that are of interest to our Region and the Society that I ask for the thoughts and guidance of the BOG. One such item will be coming before Board concerns Mexico and Canada. Both are being moved from the International Region, Region 10, to be part of various domestic regions. As for Canada's Northwest Territories, Yukon, British Columbia, and Alberta, they are being proposed to become part of Region 8.

The BOG and Assembly of Region 8 will be meeting on Thursday 12 January. The Assembly consists of the leadership from the twelve sections of Region 8. This is a wonderful time for all to share ideas, thoughts, and guidance to the leaders of Region 8. Our members should be proud of the Section Leaders that are representing you. They are working hard. Unfortunately, I will not be able to attend because the Assembly meeting

conflicts with the ASCE BOD meeting. This really is not an issue because Region 8's BOG, with the lead of a Governor as Vice-Chair, all are very capable to carry on without me. This is just an "Oh Pooh" for me to miss the fun time and learning and guidance that comes from the BOG / Assembly meeting.

The ASCE BOD meeting on the 12th is very similar to our Region's BOG meeting because of the two-part session, Nominating Committee and Business. The ASCE Nominating Committee will be considering three declared individuals for the position of ASCE President-Elect. The three individuals are; Guna Gunalan, Region 8, Robin Kemper, Region 1, and Albert Yeung, Region 10. There is one position as ASCE President-Elect and a maximum of two may be forward by the ASCE BOD Nominating Committee to be on the ASCE election ballot. Guna Gunalan declared his intent through Region 8 and Region 8 BOG's elected on 22 November to forward Mr. Gunalan's name to the ASCE Board of Direction Nominating Committee for consideration as an Official Nominee for the office of President-Elect.

Next on the agenda of activities for the week is the Region 8 & 9 Multi-Region Leadership Conference (MRLC). MRLC will be meeting 13 & 14 January and packed full of meetings with the Section & Branch Leaders, Younger Member Leaders, and the Student Chapter Leaders. Region 8 is always represented very well and thank you for your participation.

Come Saturday afternoon, it is time to look for the oxygen tank and consider all the great things that have transpired over the past couple of days and to be considered for implementing when we get back home. As these leader return, please thank them for their efforts and then ask them what they learned and would like to have implemented, volunteer. Don't give them a break, give them a hug and ask how can we get involved to help them to move forward. You will confuse them with the hug routine, truss me! The next newsletter, January 2017, should contain a lot of information as to what I have touched on in this article.

As always, thank you for being a member of ASCE, HAPPY HOLIDAYS, HAPPY NEW YEAR and may the joy of family, friends and those that you meet along the way be of comfort and peace.

Dale A. Nelson, P.E., F.ASCE

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Southern Idaho Section Update

By Braydan DuRee, PE, M.ASCE

Southern Idaho Section President

The Southern Idaho Section would like to thank the Region 8 and Section leadership for being our guests at the 2016 Region 8 Board of Governors and Assembly meeting in Boise, Idaho. The Southern Idaho Section has been busy this past year with the creation of the new Snake River Branch, Region and Section awards, acceptance of the State's first ASCE National Historic Civil Engineering Landmark, and hosting the Region 8 Assembly meeting.

Snake River Branch

In late 2013, a couple of ASCE members residing in Eastern Idaho initiated discussions with the Southern Idaho Section Board regarding the need to hold local ASCE meetings, with the hope that the local engineering community would support such an effort and that a Branch could eventually be formed. The following objectives were articulated by those local volunteers at the time:

- Elevate the level of practice of engineering in Eastern Idaho
- Increase the level of interest and membership within ASCE throughout Eastern Idaho
- Increase interaction between local professionals and student chapters (BYU-Idaho and Idaho State University)
- Provide a forum for networking and interaction between professionals

The branch was formally organized in July of 2016. The new branch includes the following counties in Idaho: Bannock, Bear Lake, Bingham, Bonneville, Butte, Caribou, Clark, Custer, Franklin, Fremont, Jefferson, Lemhi, Madison, Oneida, Power, and Teton. There are about 164 ASCE members residing within the new branch boundaries.

Section and Region Awards

We hosted our annual Southern Idaho Section Awards Banquet this past April in Boise, Idaho. Our section awards follow the same format of the Region 8 awards. This past year we were pleased to present the following awards:

- Southern Idaho Civil Engineer of the Year: Terry Little, PE, PTOE - Ada County Highway District
- Project of the Year Completed in 2016 (>\$10 Million): I-84 Meridian Road Interchange project with Parametrix and the Idaho Transportation Department
- Project of the Year Completed in 2016 (<\$10 Million): Hill Road Extension, Eagle, Idaho - Ada County Highway District, WHPacific, Central Paving, Inc.

Terry Little went on to win the 2016 Region 8 Engineer of the Year award and the I-84 Meridian Road Interchange project also won the Region 8 Project of the Year (>\$10 Million).



Arrowrock Dam

The Southern Idaho Section is pleased to announce Arrowrock Dam has been recognized as Idaho's first ASCE National Historic Civil Engineering Landmark!

The Arrowrock Dam, located 20 miles upriver from Boise, Idaho, serves as an essential water storage facility supplying irrigation water to thousands of acres of fertile farmland in the Treasure Valley. At the time of its dedication in 1915, the Arrowrock Dam was the highest dam in the world at 350 feet, a title it would hold until 1932. Civil Engineers tested the technological limits of the time to construct this engineering marvel. The Arrowrock Dam served as a proving ground for design elements and construction methods that would later be incorporated into other large dams in the west. The dam was the first United States Bureau of Reclamation dam to use Ensign Valves to control the flow from the outlet works. While working on the Arrowrock Dam, Engineer Frank Crowe developed a grid system of delivering concrete pneumatically and an overhead cable system for rapidly delivering

construction materials throughout the construction site. Crowe later went on to construct many more dams, including the Hoover Dam, where he utilized the systems he developed while working on the Arrowrock Dam. The Arrowrock Dam is included on the National Register of Historic Places in Idaho.

The Southern Idaho Section hosted a technical tour and dedication ceremony of Arrowrock Dam on August 25, 2016.



To close, I would like to recognize all the great members in the Southern Idaho Section and express my appreciation for the time they volunteer to make our meetings, events, and tours a success.

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