



December 13, 2018 5:30–7:30 pm

Red Robin Gourmet Burgers
1313 S Foothill Dr, Salt Lake City, UT 84108

Guest Speaker

Michael DeDen, P.G., Vice President of Mining, Stantec

Mr. DeDen currently serves as Director of Global Mining for Stantec’s Mine Site Infrastructure Group and is responsible for developing and implementing global mining strategy and growing Stantec’s global mining business. He has over 30 years of professional experience focusing on a wide variety of environmental and engineering projects around the world with emphasis on CERCLA sites for mining and metal processing companies in the western U.S.

Michael will discuss the reclamation of the Holden Mine, an abandoned copper mine in one of the most isolated places in the continental U.S., located near Lake Chelan in north-central Washington. The Holden Mine was one of the largest operating underground copper mines in the U.S.; the mine was developed and operated between 1937 and 1957 and produced over 90,000 tonnes of copper, as well as zinc, silver and gold.



AEG Student News

The University of Utah AEG Student Chapter is an active participant in the Utah Section and have several field trips, and lectures, planned for this year and next. Our Utah Section is a contributor to the Student Chapter and we encourage all our members to interact and get to know the Students. The experiences we have and can share will contribute greatly to the students understanding of our industry in the “real world.” With that said, the Student Chapter is looking for lecturers or field trip leaders. If interested, please contact: a.Stanczyk@utah.edu.

Next Month’s Speaker

Steve D. Bowman, Ph.D., P.E., P.G., Utah Geological Survey, Geologic Hazards Program Manager

On January 10th, Mr. Bowman will give a presentation on the geologic hazards program in Utah He will also discuss some of the new products that engineering geologists use to monitor these hazards. Mr. Bowman is one of the winners of the new logo contest (see below).

AEG Utah Section – New Logo

As indicated in the last newsletter, the AEG “Intermountain Region,” is now the “AEG Utah Chapter.” Along with our new name, as you likely noticed we have revised our newsletter header using the Delicate Arch as our new logo. We appreciate those who sent in photos for consideration and after an extensive review, selected the famous Delicate Arch as it is recognized world-wide as an icon of Utah. Credit for the new logo photograph goes to both Steve Bowman for the suggestion and Bill Lund for the photograph. The Utah Section is pleased to buy dinner for both these long-term members at a future AEG meeting.



Project Update - Park City Petrified Wood Geologic Park

The Park City Petrified Wood Park is approaching completion. The informational panels have been installed on site, and petrified wood specimens have been cut/polished. The park will be completed and a ribbon cutting ceremony is anticipated next spring. The Utah Section is a contributor to the Park City Petrified Wood Geologic Park



It's Time to Renew!

Please renew your memberships if you haven't yet done so. We want to thank you for your participation as a member of AEG during 2018, and as the year draws to a close, we hope you will renew your AEG membership for 2019.

AEG needs your continued support in order to provide valuable geoscience publications like *AEG NEWS*, the *Environmental & Engineering Geoscience Journal*, and *The AEG Insider*. These publications help keep you up-to-date on the latest geoscience news and events. To continue this important work and offer other valuable benefits, we need your help through renewal of your AEG membership.

Have you already renewed your membership and you're looking for other ways to support your association? AEG's membership grows primarily through word of mouth and the excellent local and regional programs offered by AEG chapters. Please invite your coworkers and professional colleagues to a chapter event and encourage them to join you as an AEG member. To renew your membership, join AEG, or sign up a student, follow the directions on the link below:

<https://www.aegweb.org/page/JoinOrRenew>

News from AEG National

AEG unveils goals and objectives of strategic plan

The AEG Board has worked hard to develop a strategic plan for the coming years in an effort to enhance communication, advance the geology profession, and support the professionals that comprise its membership. AEG has developed a one-page document that outlines its strategic plan. The one-pager includes its three goals and accompanying objectives. The three goals include:

1. **Communication Goal:** To improve the AEG experience and communicate it Effectively
2. **Profession Goal:** To promote and advance the value of applied geology for the public good
3. **Membership Goal:** To provide applied geology professionals a place to thrive personally and professionally

The full one-pager, complete with accompanying objectives for each goal, can be [viewed here\[strongmail1.multiview.com\]](mailto:strongmail1@multiview.com).

Upcoming AEG Event - Coastal Hazards Forum Engulfing the Coast - January 7-10, 2019 • Dauphin Island, Alabama

There are only two weeks remaining to register for the Coastal Hazards Forum at the early-bird rate of \$350. Register by December 1st to receive the discount. Don't miss this opportunity to explore beautiful [Dauphin Island](#) while you discuss technical and regulatory policy issues. For more information about this event others, visit the [AEG website \[strongmail1.multiview.com\]](#).

Storms, tsunamis, and rising sea levels threaten U.S. coastal communities, ecosystems, and economies. Much of the nation's existing coastal infrastructure must be adapted to expected future conditions or relocated away from hazards. New coastal development and post-storm reconstruction must be planned, sited, and maintained with coastal geologic hazards clearly in mind.



The Coastal Hazards Technical Working Group of the Association of Environmental and Engineering Geologists (AEG) is hosting a Coastal Hazards Professional Forum at Dauphin Island Sea Lab and is currently accepting abstracts for presentations at this 3-day forum event. One-full day and two additional half-day sessions will be devoted to technical and regulatory policy issues with a half-day field course around the barrier beach island included and an optional half-day tour of the marine laboratory facilities. Although the location of the forum is the Gulf Coast, discussion of all coasts is included in the forum. Keynote speakers, student poster sessions, exhibitor displays, and a banquet will be available to attendees of this First AEG

Coastal Hazards Forum held at Dauphin Island Sea Lab campus in Alabama from January 7 to 10, 2019.

Dauphin Island is known as the Emerald Coast of the South because of the sparkling blue waters and white sandy beaches. The Dauphin Island Sea Lab Estuarium is the primary marine research and educational center in the state of Alabama. While providing a rich educational background, the Estuarium showcases the interaction of marine processes with sea life that make up the Mobile Tensaw River Delta, Mobile Bay, the Barrier Islands, and the Northern Gulf of Mexico. Through beautiful visual exhibits and engaging interactive exhibits, the Estuarium will leave you with a broader understanding of the interactions that take place in Mobile Bay, the fourth largest estuary the United States.



Just so you know

The association of Engineering Geologists includes more than 1000 members that are organized into 22 chapters across the country. Chapters are structured into 11 regions. Our section is included in Region 4 which includes:

- Intermountain Section (Utah)
- Great Basin in Reno,
- Southern Nevada Chapter in Las Vegas, and
- The Arizona Chapter in Phoenix.
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AEG Utah Chapter Contact Information:

- **Paul W. Jewell:** paul.jewell@utah.edu **Chairman**
- **David L. Shank:** David.Shank@parsons.com **Vice Chairman**
- **Jonathan Hermance:** jhermance10@gmail.com **Treasurer**

