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From the President

Greetings! For 2017, the PNW NAGT Section welcomes returning members, and many new members. This issue includes information on this year's annual conference in Idaho Falls, Idaho.

If you would like to contribute, please email
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Also, remember to visit our website at www.nagtpnw.org

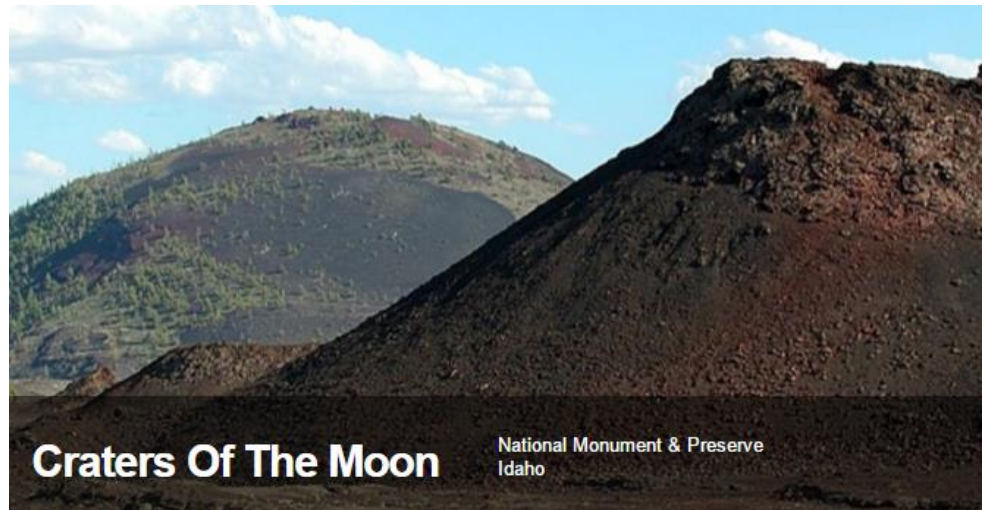


**2017 Pacific Northwest Section Annual Conference –
Save the Dates!**

Center for Advanced Energy Studies (CAES)
995 University Blvd
Idaho Falls, Idaho

June 22-24, 2017

Thanks to this year's host, Doug Owen, the Pacific Northwest Section of NAGT will gather for its annual meeting on the Eastern Snake River Plain. The itinerary includes a field to the Idaho National Laboratory (INL) on Thursday, a symposium at the Center for Advanced Energy Studies (CAES) in Idaho Falls on Friday, and field trip options on Saturday of either Kings Bowl Lava Field (with current projects by NASA), or Craters of the Moon Lava Field. Contact Doug Owen at bear2lte@gmail.com for more information.



Craters Of The Moon

National Monument & Preserve
Idaho

2017 Pacific Northwest Section Annual Conference Agenda:

Thursday June 22nd INL (Idaho National Lab) Field Trips

Because of required security badging participants must be US citizens

Meet at the CAES building at 8:00 am. Board vans; box lunches will be provided. Different venues will be visited to learn about the geology, hydrology, and seismicity of the Eastern Snake River Plain. Will also include geothermal and CO₂ sequestration stops/presentations.

Friday June 23rd Symposium

Meeting Space has been reserved at the Center for Advanced Energy Studies (CAES), 995 University Blvd, Idaho Falls, Idaho. CAES is a public research center associated with Boise State University, Idaho State University, University of Idaho and the Idaho National Laboratory. The building contains an auditorium, public spaces and the CAVE, a 3D virtual reality system.

8-9 **Registration:** Lobby of the CAES building. Pick up symposium/registration materials; Coffee and Breakfast Snacks; set up poster at 8; start viewing posters.

9-11 **Craters of the Moon and Snake River Plain Basaltic Volcanism Session**

11-12:30 Lunch Buffet and Poster Session

12:30-2:30 **INL/DOE/USGS/IDWR/NOAA Session—Geology, Hydrology and other research on the Eastern Snake River Plain**

2:30-2:45 Break

2:45-4:45 **NASA Session;** Ongoing research at Craters of the Moon as analogs for Mars etc.

Saturday June 24th Field Trips, choice of:

- NASA Field Trip to Kings Bowl Lava Field (2.2 Ka) in Craters of the Moon National Monument and Preserve. Led by Dr. Scott Hughes.
- Craters of the Moon Lava Field (15 Ka to ~2 Ka; 8 eruptive periods; 25 major cones; 60 lava flows) at original monument. Led by Douglass Owen retired park geologist at Craters of the Moon.

If you would like to submit an abstract (any length) to present a paper or poster they should be received the first week in February.

- Selections will be made in February by committee. Selectees must provide either an extended abstract or short paper by April 1st for inclusion in the symposium proceedings.
- Poster must be mounted on foam board for display on an easel.

Mail abstracts to: Doug Owen, Program Chair
3215 W 2600 N
Arco, ID 83213



Group photo, L to R: Bill Orr, Frank Hladky, Shawn Willsey, Steve Carlson, Dan Moore, Andy Buddington, Nick Zentner, Carla Whittington, Sheila Alfsen, Tsing Bardin, Eriks Puris, Christine Faught, Shane Nickelson?, Keegan Schmidt, Ander Sundell. Background: Pittsburg Landing, Hells Canyon. *Photo credit: Karla Whittington.*

Reflections on the 2016 NAGT PNW Annual Meeting, June 21-24, Hells Canyon, Idaho

Frank R. Hladky

A special thanks goes out to all that made the 2016 NAGT PNW annual meeting so memorable. It was a true field conference: as in camping in the field. Participants either camped in tents or campers at the BLM's Hammer Creek Recreation site on the Salmon River or stayed in motels in the nearby village of White Bird, Idaho. Field trip organizer Andy Buddington (Spokane Community College) brought together Keegan Schmidt (Lewis-Clark State College) and Basil Tikoff (University of Wisconsin-Madison) who regaled participants with tales and displays of geological wonder. Participants, including visitors from beyond the PNW section, examined major features of the late Mesozoic suture zone between far-traveled accreted terranes and the ancestral western Laurentian continental margin. Structural features included folds,

thrust faults, and high-angle, transpressional fault zones, often intruded by both mafic and felsic dikes. Every evening the group gathered around the campfire for a few hours of camaraderie. As you can expect in late June, the temperatures soared in Hell's Canyon but the high elevations were cool and the evenings along the Salmon River pleasant. The only rain came on the last day as folks broke camp. It's safe to say that all would agree this was a field conference well spent and



everyone left a few pounds heavier—with rocks, that is!



Christine Faught, Basil Tikoff, Keegan Schmidt, Seven Devils Campground. *Photo credit: Karla Whittington.*



Keegan Schmidt, Carla Whittington, Tsing Bardin, Andy Buddington examining quartz diorite along the Clearwater River. *Photo credit: Karla Whittington.*

GENERAL SECTION NEWS

2017 GSA Cordilleran Section Meeting

The 2017 Cordilleran Section will be May 23-25th in Honolulu, Hawai'i. GREAT trips and talks! For more info, go to: <http://www.geosociety.org/cd-mtg>

2017 GSA Rocky Mountain Section Meeting

The 2017 GSA Rocky Mountain Section will meet June 9-10th in beautiful Calgary, Alberta! Some fantastic sessions and field trips, including a FT to the famous Mount Stephen trilobite beds and a trip to Waterton-Glacier parks. For more information, go to: <http://www.geosociety.org/rm-mtg>

2017 GSA Annual Meeting

The 2017 GSA annual meeting will be held in Seattle from October 22-25th. For more information, go to the GSA 2017 website at: <https://www.geosociety.org/GSA/Events/GSA2017>



On an outcrop of intensely sheared metapelites along Highway 95 near Riggins, Idaho. *Photo credit: Karla Whittington.*