

Title: Geology of Oregon's High Desert

Instructor: Daniele McKay

Dates: Oct. 10-13, 2024

Arrival: Thurs. Oct. 10, 2024

Departure: Sun. Oct. 13, 2024

Max # of students: 16

Skill Level: All are welcome

Mobility Level: Easy to moderate (adaptable to your comfort level). The group will drive to various geological locations that will include walking on dirt, gravel and uneven terrain. There will be optional opportunities for participants to explore more moderate walks close by.

Materials Fee: \$10 per person for printed handouts- Daniele to copy and submit receipts to PLAYA for reimbursement.

RECOMMENDED EQUIPMENT TO BRING:

- hat
- sunscreen
- insect repellent
- water bottle(s)
- binoculars
- hiking poles (if you use them)
- hiking shoes
- clothes for layering (it can be hot in the day, cold at night)

Workshop Description:

In this 3-night experience, discover and explore the extraordinary geology of the Summer Lake and Christmas Valley regions with geologist Daniele McKay. Enjoy group dinners provided by PLAYA, evening presentations on the geology of Oregon's high desert, and field trips on Friday, Saturday, and Sunday for hands-on exploration of the geologic forces that have shaped this spectacular region. Areas visited will include Summer Lake, Ana River, Hole-in-the-Ground, Fort Rock, Crack-in-the-Ground, and the Lake Abert area. Field trip stops will highlight the region's remarkable geology and cultural history, exploring active faulting and volcanism, records of past climate change, and archaeological sites.

This workshop starts on Thursday evening with a group dinner provided by PLAYA and an after-dinner presentation on regional geology. PLAYA will also provide group dinners on Friday and Saturday evenings. All other meals are on your own.

AGENDA

Day 1: Thursday, Oct. 10: Arrival | 6:00 pm Meet & Greet Happy Hour (BYOB) and Group dinner provided by PLAYA | Evening presentation

Day 2: Friday, Oct. 11: All day group field trip, bring a sack lunch | Group dinner provided by PLAYA | Evening presentation

Day 3: Saturday, Oct. 12: All day group field trip, bring a sack lunch | Dinner provided by PLAYA

Day 4: Sunday, Oct. 13: Optional morning group field trip, or time of your own at the PLAYA campus | Depart by noon

Instructor Bio:

Dr. Daniele McKay is an instructor in the Department of Earth Sciences at the University of Oregon. She lives in Bend, Oregon and teaches online geology courses throughout the academic year, and field courses in central Oregon during the summer. Her research background is in physical volcanology with a focus on recent mafic eruptions in the central Oregon Cascades. She is also interested in how societies prepare for and respond to natural disasters, especially volcanic eruptions and earthquakes. She has worked with Deschutes County, the Oregon Office of Emergency Management, Oregon Partnership for Disaster Resilience, and the Red Cross on natural hazard preparedness and mitigation in central Oregon.