



CLIMATE CONNECTIONS

Traveling Teacher
Professional Development
Workshop

Explore!

Crater Lake National Park
Lassen Volcanic National Park
Lava Beds National Monument
Oregon Caves National Monument
Redwoods National and State Parks
Whiskeytown National Recreation Area

Learn to make
the parks *your*
classroom!



Get ready for adventure!

Climate change can be uncomfortable to think about. But, we know that it's our responsibility to teach youth how climate change works, how it's affecting Earth and humans, and what we can do to mitigate these effects. Some brave and interesting people devote their lives to studying the effects of climate change in our national parks. You will travel and learn with these National Park Service specialists and other teachers as you explore the national parks of the Klamath Circle of Discovery.

You will...

- Travel for two weeks with Crater Lake Science & Learning Center staff
- Lodge in a mix of modern hotels and rustic park research housing at seven national parks
- Gain special access to park staff and resources
- Explore outside as much as possible (hiking, kayaking, etc.)
- Visit other types of public lands along the way

You will leave the workshop able to...

- Explain clearly how climate change works
- Describe clear evidence of climate change
- Discuss the effects of climate change on national park resources
- Describe educational opportunities provided by each of the Klamath Network's national parks
- Use knowledge of climate change in the parks to construct an academic unit
- Critique current climate change education materials for accuracy and efficacy
- Develop a teaching philosophy that includes a global-scale perspective





Getting to the workshop...

Climate Connections will meet and end on the Southern Oregon University (SOU) campus in Ashland, Oregon. If you are flying to the workshop, your best bet will be to fly into Medford, Oregon (MFR). MFR is only a 25 minute drive from SOU, and if your travel dates correspond with the workshop dates, we can pick you up and drop you off at the airport. The workshop will officially start at 10:00 am on Sunday, July 5. We will be staying about an hour's drive from MFR on the night of July 16, so we will go to the airport to check-in to flights as early as 10:00 am on Friday, July 17. The workshop officially ends at noon on July 17.

You can also check flights into Eugene or Portland, Oregon, however, ground transportation options to Ashland are limited.

Transportation, Food, & Accommodations

Transportation throughout the workshop will be provided. We will be travelling two 11-passenger vans rented from Southern Oregon University.

Breakfast and lunch will be provided each day. We will load up coolers with food in Ashland at the beginning of the trip, again in Redding after one week, and additionally anytime we need more supplies while on the road. We will take into account any food preferences to make sure we are getting good food that we will be happy eating. You'll receive some forms to list specific food preferences before the trip.

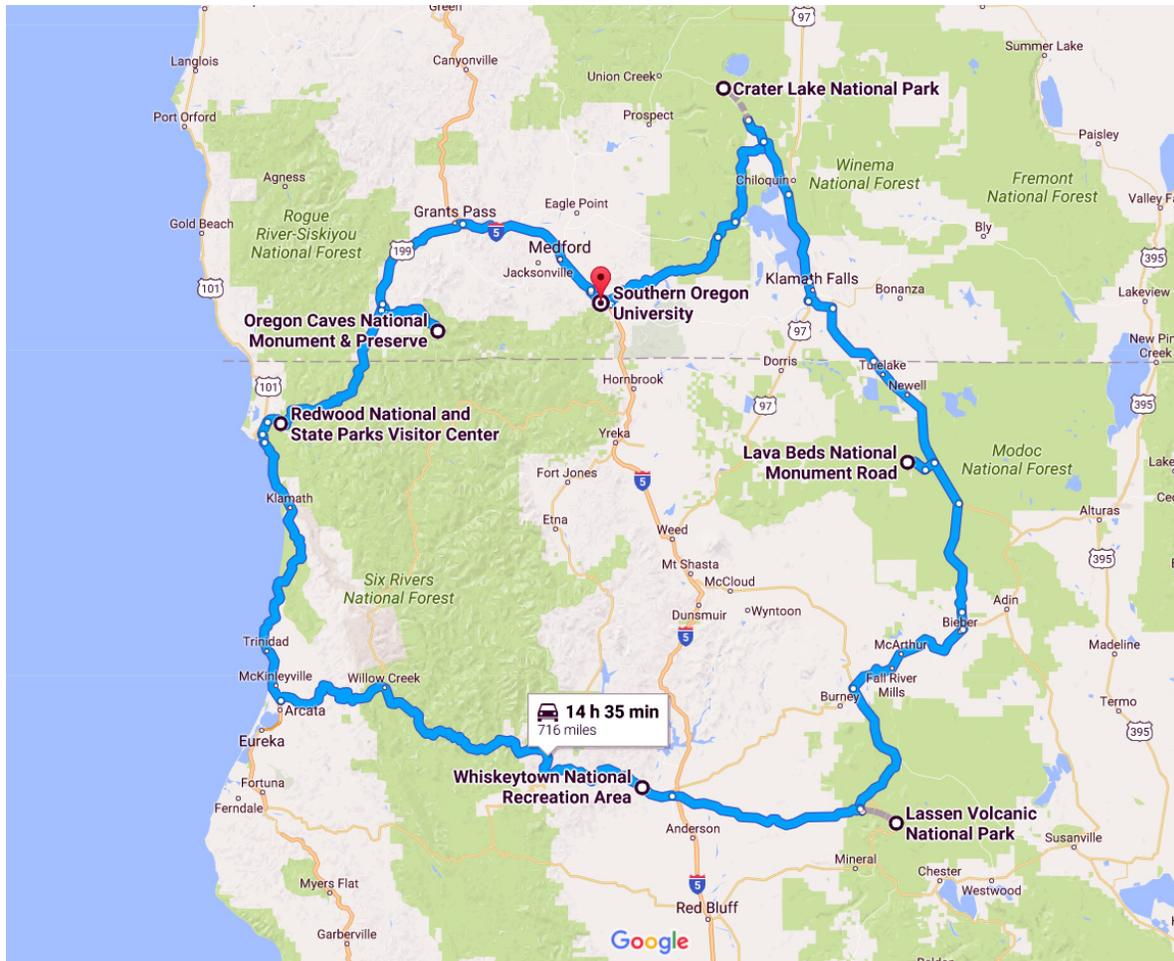
Dinners will be purchased individually each night at restaurants along our route. Some locations will have limited options, but others will have several.

Lodging will be provided for all nights of the workshop (with the exception of Friday, July 17). Most nights we will stay in hotels (shared rooms), but six nights we will be in bunks or cots, and **each workshop participant will need to provide their own sleeping bag, travel pillow, and towel.**



Itinerary

The final itinerary will be filled in with more details and activities, but this will give you an idea of where we'll be each day. You'll get a detailed schedule with exact activities, locations, and times before the trip.



Sunday, July 5, 2020

- 10:00 am - Meet at Southern Oregon University in Ashland, Oregon
- Travel to Crater Lake National Park
- Guided Hike
- Stay in Crater Lake Science & Learning Center Research Residence

Monday, July 6, 2020

- Explore physical and biological changes in Crater Lake and Wizard Island with Aquatic Ecologist Scott Girdner and the lake research crew
- Eat dinner at Crater Lake Lodge
- Stay in Crater Lake Science & Learning Center Research Residence

Tuesday, July 7, 2020

- Hike Mt. Scott in Crater Lake National Park
- Travel to Lava Beds National Monument
- Visit the Tulelake National Wildlife Refuge

Crater Lake National Park Science & Learning Center

National Park Service
U.S. Department of the Interior

Crater Lake National Park



- Stay at the Research Center at Lava Beds National Monument

Wednesday, July 8, 2020

- Discover changes in cave ice during ranger-guided tours of Merrill and Skull Caves
- Ranger Tour: Tule Lake Unit, WWII Valor in the Pacific National Monument
- Stay at the Research Center at Lava Beds National Monument

Thursday, July 9, 2020

- Travel to Lassen Volcanic National Park
- Hike to Devil's Kitchen to learn about the park's efforts to understand astrobiology
- Stay at the Best Western Rose Quartz Inn in Chester, California

Friday, July 10, 2020

- Hike the Lassen Peak Trail with park ecologists to learn about survival of whitebark pine and pika.
- Stay at the Best Western Rose Quartz Inn in Chester, California

Saturday, July 11, 2020

- Travel to Redding, California
- Laundry, grocery shopping, and free time
- Stay at Gaia Hotel in Anderson, California

Sunday, July 12, 2020

- Travel to Whiskeytown National Recreation Area
- Hike, kayak, and assist rangers with citizen science projects
- Stay at Gaia Hotel in Anderson, California

Monday, July 13, 2020

- Travel to Redwood National and State Parks
- Meet park staff at Kuchel Visitor Center and explore the beach learning about the ocean's effects on climate
- Stay at Bayview Inn in Crescent City, California

Tuesday, July 14, 2020

- Guided walk through old-growth redwoods with Wildlife Biologist Keith Bensen
- Explore Klamath River and Crescent Beach Overlook
- Stay at Bayview Inn in Crescent City, California

Wednesday, July 15, 2020

- Ranger-guided kayak tour on Smith River
- Travel to Siskiyou Field Institute at Deer Creek
- Explore Deer Creek and observe how rock and fire shape a unique ecosystem
- Work on academic units
- Stay at Whisper Canyon Ranch in Selma, Oregon

Thursday, July 16, 2020

- Travel to Oregon Caves National Monument
- Off-trail, ranger-guided cave tour
- Explore climate records with park staff
- Grill-out and share academic units
- Stay at Whisper Canyon Ranch in Selma, Oregon

Friday, July 17, 2020

- Travel to Southern Oregon University in Ashland, Oregon
- Noon - end workshop at Southern Oregon University in Ashland, Oregon



Packing List

We'll be playing and learning outside for two weeks during the middle of the summer. It'll be hot while traveling through the valleys, and it will be chilly in the mountains and at sunset. The Pacific and the water that flows into it will be cold. We'll be going out to eat most nights, but cooking together is also on the agenda. We'll usually sleep in hotels, but sleeping bags on bunks or cots will allow for rest on a few occasions. Packing layers is versatile, and chances are a long sleeve + fleece sweater + rain jacket + warm hat combination will tackle the coldest weather we'll encounter.

Here is a list of items to pack. Let us know if you have any questions!

- summer-weight sleeping bag (no need for a sleeping pad)
- travel pillow
- towel
- sturdy shoes or hiking boots
- river shoes (old tennis shoes work well, flip-flops aren't allowed)
- summer-weight long sleeve shirt for sun protection
- 1 or 2 light jackets or fleece sweaters
- summer-weight pants
- synthetic shorts or swim trunks for hiking, swimming, and kayaking
- rain jacket
- sunglasses
- sunscreen
- insect repellent
- hat for sun protection
- warm hat
- bandana
- toiletries
- summer clothes for a week (we can do laundry as needed)
- headlamp or flashlight
- cell phone and charger (if you already own one)
- 2 water bottles
- daypack



Southern Oregon Univeristy Graduate Credit & The Final Performance Task...

Climate Connections is a graduate-level field course at Southern Oregon Univeristy. If you'd like to earn three graduate credits for your participation in the course, you'll need to pay SOU directly with a check. Please notify John Duwe if you would like to earn credit for the course. SOU's cost is \$210 for three credits.

In order to receive credit from SOU, you'll need to successfully complete the course requirements. This means full participation throughout the workshop and also the presentation of a draft academic unit on climate change that incorporates National Park Service resources. This draft unit will be presented to the group on the final full-day of the workshop.



Climate Connections Teacher Professional Development Workshop

July 5 - July 17, 2020

Payment Invoice

Price: \$1500*

**If you were awarded a scholarship, please deduct that amount.*

Price includes: all activities, instruction, ground transportation, lodging, breakfasts, and lunches during the workshop

Price does not include: dinners, incidentals, or graduate credit from Southern Oregon University

Please make out checks to the Crater Lake Natural History Association, and enter "SLC" in the memo line.

Send payment to

John Duwe
Education Coordinator
PO Box 7
Crater Lake, OR 97604

Thank you for registering for Climate Connections!