

2014 Climate Boot Camp, August 11th – 16th
Silver Falls Conference Center

WELCOME Boot Camp Fellows and Educators!

Climate Boot Camp **Mission:**

To prepare graduate students and early career professionals for successful careers by providing knowledge and abilities in science education, science communications, knowledge integration and the science-policy interface, all in a climate change and adaptation context, through concentrated sessions of formal and non-formal education, skill development, and interaction with practicing professionals.

Climate Boot Camp **Essential Questions:**

How do we integrate different ways of knowing and knowledge production into research and management practices?

What are major indicators of climate change in terrestrial and coastal environments?

How can we best communicate our research and work for diverse audiences?

How can we build relationship with each other to foster collaboration and adaptive management?



Photo courtesy of
Friends of Silver Falls State
Park

2014 Climate Boot Camp Schedule

Monday August 11th

Boot camp will begin with an overview of the governmental and academic collaboration that oversees the educational program. Kyle Pows Whyte will help open boot camp with his talk: *Indigenous Peoples, Climate Science and Responsibility*.

2: 00 p m	Shuttle Departs Portland Airport
3:00pm – 5:00 pm	Registration, Smith Creek Meeting Hall
5:30pm – 6:30pm	Dinner with Cohort Groups, Big Leaf Dining Hall
6:30pm – 7:30 pm	Opening Session, Big Leaf Dining Hall Overview of Climate Science Centers, Phil Mote, Oregon State University NWCS and RISA CIRC, Josh Foster, Oregon State University Climate Boot Camp Overview, Arwen Bird, Oregon State University
7:30 pm – 9:00pm	Introduction, Phil Mote, Oregon State University <i>Indigenous Peoples, Climate Science and Responsibility</i> , Kyle Pows Whyte, Michigan State University
9:00 pm – 9:30pm	Evening Social Activity, Smith Creek Meeting Hall

Tuesday, August 12th

Cascades Field Trip:

Traveling in a large circle through Oregon’s Cascade Mountains, we will stop at Willamette Falls and Confederated Tribes of Warm Springs to hear educators talk about traditional and western approaches to climate knowledge development and management in the Northwest.

7:00am – 7:30am	Breakfast , Big Leaf Dining Hall Assemble Bag Lunches
7:30am – 7:45 am	Field Tour Introduction , Big Leaf Dining Hall Arwen Bird, Oregon State University
8:00 am – 9:00 am	Travel to Willamette Falls & Clackamas County Historical Society
9:00am – 11:30am	Willamette Falls Tour and Presentations , Clackamas County Historical Society Christina Robertson-Gardiner, Oregon City Community Development Dept. Gabe Shoeships, Umatilla Tribe and Oregon State University Dede Olson, Oregon State University Phil Mote, Willamette Water 2100, Oregon State University
11:30 am – 12:30 pm	Travel to Mt. Hood National Forest, Timberline Lodge
12:30 pm – 1:30 pm	Lunch , Timberline Lodge Grounds
1:30 pm – 2:15 pm	Travel to Warm Springs Reservation: Huckleberry, Timber and Snow Pack site
2:15 pm – 3:15 pm	Confederated Tribes of Warm Springs: Huckleberry & Management Practices , Warm Springs Reservation oueida colwash, Warm Springs Tribe Jon Treasure, Warm Springs Tribe
3:15 pm – 4:15 pm	Travel to Warm Springs Reservation: Round Butte Dam
4:15 pm – 5:30pm	Confederated Tribes of Warm Springs: Bull Trout, Culture and Adaptive Management Deepak Sehgal, Warm Springs Tribe Jen Graham, Warm Springs Tribe
5:30 pm – 6:15 pm	Travel to Sisters, Oregon
6:30 pm – 7:30 pm	Dinner in Sisters (Three Creeks Brewing Co.)
7:30 pm – 9:30 pm	Return to Silver Falls Conference Center



Wednesday, August 13th, 2014

Climate 101:

This day features lectures and discussion intended to develop a common understanding of climate science.

6:00 am – 7:00 pm	Optional Group Run or Hike, Meadow Isabel Guerrero, Oregon State University
7:00 am – 8:00 am	Breakfast, Big Leaf Dining Hall
8:00 am – 8:15 am	Morning Announcements, Smith Creek Meeting Hall
8:15 am – 8:30 am	Integration & Synthesis, Smith Creek Meeting Hall Arwen Bird, Oregon State University
8:30am – 10:00 am	Past and Current Climate of the Northwest Phil Mote, Oregon State University
10:00 am – 10:15 am	Break and Snacks, Big Leaf Dining Hall
10:15 am – 11:00 am	<i>Integrating Climate and Ecological Response Modeling</i> Jeff Morissette, North Central Climate Science Center
11:00 am – 12:00 pm	Future Climate: Scenarios, Models and Downscaling Phil Mote, Oregon State University
12:00 pm – 12:45 pm	Cohort Group Discussion Lunch, Big Leaf Dining Hall
1:00 pm – 1:45 pm	Returning Fellows Presentation and Discussion Isabel Gurerro, Oregon State University Sihan Li, Oregon State University
1:45 pm – 2:30 pm	PNW Climate Impacts: Northwest Assessment Report, Smith Creek Meeting Hall Phil Mote, Oregon State University
2:30 pm – 2:45 pm	Break and Snacks, Big Leaf Dining Hall
2:45 pm – 3:30 pm	Climate Change and Traditional Ecological Knowledge Samantha Chisholm Hatfield, Oregon State University
3:15 pm – 6:00 pm	Free Time
6:00 pm – 7:00 pm	Dinner, Big Leaf Dining Hall
7:00pm – 9:00pm	Evening Social / Integration activity



Thursday, August 14th, 2014

Coast field trip:

Traveling west from Silver Falls State Park, we will stop first in Lincoln City for an introduction to Tidal Wetlands, and then travel to the Confederated Tribes of Siletz Indians for an informal discussion of Traditional approaches to changes in the environment. The late afternoon will feature a kayak, canoe and boat trip to study climate impacts on coastal marches and the Siletz Bay.

7:00 am – 7:30 am	Breakfast, Big Leaf Dining Hall Assemble Bag Lunches
7:30 am – 7:45 am	Field Tour Introduction and Pack Up Arwen Bird, Oregon State University
7:45 am – 10:00 am	Travel to Lincoln City Cultural Center
10:15 am – 11:30 am	<i>Climate Change Impacts to West Coast Tidal Wetlands</i> Laura Brophy, Institute for Applied Ecology
11:30 am – 12:00 pm	Travel to Confederated Tribes of Siletz Indians
12:00 pm – 12:15 pm	Get settled and begin Lunch
12:15 pm – 2:00 pm	Confederated Tribes of Siletz: Culture and Climate Robert Kentta, Confederated Tribes of Siletz Oscar Hatfield, Confederated Tribes of Siletz Stan van de Wetering Confederated Tribes of Siletz Samantha Chisholm Hatfield, Confederated Tribes of Siletz
2:00 pm – 2:30 pm	Travel to Siletz Bay, Siletz Moorage
2:30 pm – 5:00 pm	Siletz Bay Tour: Sea level rise, Salmonids and Lamprey Stan van de Wetering, Confederated Tribes of Siletz Kevin Buffington, Oregon State University Shawn Stephensen, US Fish and Wildlife Service
5:30 pm – 6:00 pm	Travel to Lincoln City
6:00 pm – 8:00 pm	Dinner, Chinook Winds: Siletz Bay Buffet, Lincoln City
8:00 pm – 10:00 pm	Travel to Silver Falls Conference Center



Friday, August 15th, 2014

Policy, Management and Climate Science Communications: We begin with a panel discussion of the integration of climate science and other knowledges in policy and management decisions. The communications module will feature a blend of panel, lecture discussion and practicum education for communicating climate science.

6:00 a m – 7:00 a m	Optional Group Run or Hike, Meadow Isabel Guerrero, Oregon State University
7:00 a m – 8:00 a m	Breakfast, Big Leaf Dining Hall
8:00 a m – 8:15 a m	Morning announcements, Smith Creek Meeting Hall
8:15 a m – 9:30 a m	Integrating Climate Science into Policy and Management Decisions David Graves, Columbia River Inter-Tribal Fish Commission Jana Gastelum, Oregon Environmental Council Hedia Adelsman, WA State Department of Ecology Louisa Evers, Bureau of Land Management Toni Turner, Bureau of Reclamation
9:30 a m – 9:45 a m	Break and snacks
9:45 a m – 10:15 a m	Intro to Climate Science Communications, Smith Creek Meeting Hall John Clemens, USGS
10:15 a m – 11:00 a m	Writing Tips for Scientists, Smith Creek Meeting Hall Nathan Gilles, Oregon State University
11:00 a m – 11:45 a m	The Message Box, Smith Creek Meeting Hall Lisa Hayward Watts, University of Washington
11:45 a m – 12:30 p m	Lunch, Big Leaf Dining Hall
12:30 p m – 3:40 p m	Climate Science Communication and the Media, Smith Creek Classroom Nick Houtman, Oregon State University Darryl Lai, Oregon State University
3:40 p m – 4:00 p m	Break and Snacks
4:00 p m – 5:00 p m	Developing Effective Visual Communications, Smith Creek Classroom Steven Sobieszczyk, USGS
5:00 p m – 6:00 p m	Free Time
6:00 p m – 7:00 p m	Dinner, Big Leaf Dining Hall
7:00 p m – 8:00 p m	Open Networking Opportunity, Meadow



University of Idaho

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USGS

Saturday, August 16th, 2014

Moving Forward: Boot camp will close with discussion of the opportunities to participate in the Early Careers Climate Forum and other networks for NWCSC boot camp fellows.

6:00 am – 7:00 am	Optional Group Run or Hike, Meadow Isabel Guerrero, Oregon State University
7:00 am – 8:00 am	Breakfast, Big Leaf Dining Hall Assemble bag lunches Check out of Silver Falls Conference Facilities
8:15 am – 8:30 am	Morning Announcements, Smith Creek Classroom
8:30 am – 10:00 am	Closing Debrief & Early Careers Climate Forum (ECCF) Smith Creek Classroom Arwen Bird, Oregon State University Josh Foster, NWCSC Program Manager
10:30 am	Shuttle for Portland Airport and Train Station

Thank you for being part of the 4th annual Northwest Climate Science Center Climate Boot Camp! We wish you continued collaboration, on-going communication with CBC fellows and educators, and safe travels home.

