

Agriculture in a Changing Climate: Implications for Educators, Industry, and Producers

March 9-11, 2016 • Red Lion Hotel Columbia Center • Kennewick, WA



During this three day workshop...

- We will hear from experts in their fields from research, agency and industry on what their needs, goals, and plans are for the next five years.
- We will have focused breakout sessions to tease out information needs and future directions in climate mitigation and adaptation.
- Details and information from these breakouts sessions will be pulled together in a white paper that can be used to coordinate efforts and lead to actionable team projects.

Bringing stakeholders together to plan a coordinated approach to meet needs related to climate mitigation and adaptation in the Pacific Northwest.

Workshop Agenda

Wednesday, March 9th

Morning Session

Registration Open 7:00 AM - 5:00 PM

Location - Hallway

8:00 AM **Networking Breakfast, Provided**

Location - Atrium

8:45 AM **Welcome, Opening Comments, & Agenda Review**

Location - Ballroom I

Chad Kruger, Director, WSU Center for Sustaining Agriculture and Natural Resources
& WSU Mount Vernon Northwestern Washington Research and Extension Center

9:15 AM **Plenary Session**

Claudio Stockle, Professor, Department of Biological Systems Engineering
Washington State University

"Assessing CO₂ and N₂O Emissions from Agricultural Dry Lands in the Inland Pacific Northwest"

10:15 AM **Break, Refreshments Available**

Location - Atrium

10:30 AM **Panel Discussion: Green House Gas Mitigation**

Location - Ballroom I

Panelists:

- Claudio Stockle, Professor, Department of Biological Systems Engineering, Washington State University
- Hal Collins, Soil Scientist/Microbiologist, USDA Agricultural Research Service Grassland, Soil and Water Research Laboratory
- Greg Johnson, Leader, National Air Quality and Atmospheric Change Team, USDA-NRCS West National Technology Support Center
- Brian Lamb, Regents Professor, Boeing Distinguished Professor, Department of Civil & Environmental Engineering, Washington State University
- Susan Capalbo, Professor & Department Head, Applied Economics, Oregon State University

12:00 PM **Lunch, Provided**

Location - Atrium

Afternoon Session

1:00 PM **Production & Livestock System Sessions**

Breakout 1: Soil Carbon Sequestration
Breakout 2: Nitrogen Management
Breakout 3: Biofuel Cropping Systems
Breakout 4: Livestock Systems

Location - Clearwater A

Location - Clearwater B

Location - Ballroom III

Location - Ballroom II

3:00 PM **Break, Refreshments Available**

Location - Atrium

3:15 PM **Session Review**

Location - Ballroom I

Evening Session

5:00 PM **Networking Social & Poster Session**

Location - Atrium/Ballroom I

Drop posters off at registration no later than 3:30 PM

6:00 PM **Buffet Dinner (provided), Welcome Address**

Chad Kruger, Director, WSU CSANR and NWREC

6:45 PM **Panel Discussion: Climate Hub Discussion Session**

Panelists:

- Rachel Steele, National Climate Hub Coordinator, USDA
- Bea Van Horne, Director, Northwest Regional Climate Hub, Forest Service
- Michael Strobel, Director, USDA-NRCS National Water and Climate Center

8:00 PM **Adjourn**

Workshop Agenda

Thursday, March 10th

Morning Session

Registration Open 7:00 AM - 5:00 PM		Location - Hallway
7:30 AM	Networking Breakfast, Provided	Location - Atrium
8:30 AM	Welcome, Opening Comments, & Agenda Review Chad Kruger, Director, WSU CSANR and NWREC	Location - Ballroom I
9:00 AM	Plenary Session John Abatzoglou, Associate Professor of Climatology, Department of Geography, University of Idaho <i>"The Future Climate of the Northwestern US"</i> Jenny Adam, Associate Professor, Department of Civil and Environmental Engineering, Washington State University and Associate Director of the State of Washington Water Research Center <i>"Columbia Basin Water and Agriculture in a Changing Climate"</i>	
10:15 AM	Break, Refreshments Available	Location - Atrium
10:30 AM	Panel Discussion: Industry Perspectives Panelists: <ul style="list-style-type: none">• Scott Revell, Manager, Roza Irrigation District• Blake Rowe, CEO, Oregon Wheat Commission• Melissa Hansen, Research Program Manager, Washington State Wine Commission• Patrick Kole, Vice President, Legal & Government Affairs, Idaho Potato Commission• Bill Dewey, Shellfish Farmer, Taylor Shellfish• Urban Eberhart, Kittitas Reclamation District	Location - Ballroom I
12:00 PM	Lunch, Provided	Location - Atrium

Afternoon Session

1:00 PM	Breakout Sessions Track 1: Knowledge Gaps <i>Identify critical knowledge gaps related to climate change adaptation and agriculture in the PNW.</i> Track 2: Decision Support Tools <i>Improve coordination, utility, and usefulness of climate decision-support tools that exist, are being generated or envisioned for the region.</i>	Location - Ballroom III, Clearwater A, Clearwater B
4:00 PM	Break, Refreshments Available	Location - Atrium
4:15 PM	Session Review Prep for Friday Discussions	Location - Ballroom I
5:00 PM	Adjourn - Dinner on your Own	

Friday, March 11th

Morning Session

Registration Open 7:00 AM - 9:00 AM		Location - Hallway
7:30 AM	Networking Breakfast, Provided	Location - Atrium
8:30 AM	Welcome, Review Priority Areas, Discuss Tasks Chad Kruger, Director, WSU CSANR and NWREC	Location - Ballroom I
9:00 AM	Priority Focus Areas Discussions	Location - Multiple
12:00 PM	Lunch (provided) & Presentation Chad Kruger, Director, WSU CSANR and NWREC <i>"Moving Forward from Here: Bringing it All together"</i>	Location - Ballrooms I
1:00 PM	Evaluation & Adjourn	

Thank You to our Sponsors:



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United States Department of Agriculture
Northwest Regional Climate Hubs



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Facilities Map

