

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

Proposed agenda:

Conference Session A Goals:

- Summarize regional information on the environmental and economic benefits and costs of mitigation strategies for rangelands, livestock, and croplands
- Identify pathways and barriers to the adoption of specific mitigation strategies, including: 1) soil health/carbon sequestration, 2) nitrogen stewardship, 3) livestock partnerships, and 4) energy generation and efficiency
- Produce a draft strategic plan for the next 5 years for educating NW ag resource managers on climate mitigation, including identification of information needs, plans for programming, and the development of evaluation metrics and outcome indicators.

Wednesday, March 9th

Morning Session	
8:00 AM	Registration & Networking Breakfast
8:45 AM	Welcome, Opening Comments, & Agenda Review <i>Chad Kruger, Director, WSU CSANR and NWREC</i>
9:15 AM	Plenary Session: "Assessing CO₂ and N₂O emissions from agricultural dry lands in the inland Pacific Northwest" <i>Claudio Stockle, Professor, Department of Biological Systems Engineering Washington State University</i>
10:15 AM	Break
10:30 AM	Panel Discussion: Green House Gas Mitigation <i>Panelists:</i> <i>Claudio Stockle, Professor, Department of Biological Systems Engineering Washington State University</i> <i>Hal Collins, Soil Scientist/Microbiologist Plains Area - Grassland, Soil and Water Research Laboratory</i> <i>Greg Johnson, Leader, National Air Quality and Atmospheric Change Team USDA-NRCS West National Technology Support Center</i> <i>Brian Lamb, Regents Professor, Boeing Distinguished Professor Washington State University</i>
12:00 PM	Lunch
Afternoon Session	
1:00 PM	Production System Breakout Sessions
	<i>Track 1: Cropping Systems & Bioenergy Strategies</i>
	<i>Track 2: Livestock Systems & Bioenergy Strategies</i>
3:00 PM	Break

3:15 PM	Session Review
Evening Session	
3:30 PM	Registration, Poster Session Set-Up
5:00 PM	Networking Social & Poster Session
6:00 PM	Buffet Dinner, Welcome & Opening Remarks <i>Chad Kruger, Director, WSU CSANR and NWREC</i>
6:45 PM	Panel Discussion: Climate Hub Discussion Session <i>Panelists:</i> <i>Rachel Steele, National Climate Hub Coordinator, USDA</i> <i>Bea Van Horne, Director of the Northwest Regional Climate Hub, Forest Service</i> <i>Michael Strobel, Director, USDA-NRCS National Water and Climate Center</i>
8:00 PM	Evaluation & Adjourn

Conference Session B Goals:

- Identify critical knowledge gaps in adapting agriculture in the US Northwest to climate change (Determine top issues, synthesize existing research, find gap areas, identify target stakeholders for each, identify possible project leaders/teams);
- Improve coordination, utility, infrastructure, and usefulness of climate decision-support tools that exist or are being generated or envisioned for the region; and
- Produce a white paper that provides a concrete roadmap to guide regional efforts in the context of emerging national strategies to address knowledge gaps and provide useful decision support tools for climate change adaptation.

Thursday, March 10th

Morning Session	
7:30 AM	Registration & Networking Breakfast
8:30 AM	Welcome, Opening Comments, & Agenda Review <i>Chad Kruger, Director, WSU CSANR and NWREC</i>
9:00 AM	Plenary Session: “The future climate of the northwestern US” <i>John Abatzoglou, Associate Professor of Climatology, Department of Geography, University of Idaho</i> “Columbia Basin Water and Agriculture in a Changing Climate” <i>Jenny Adam, Associate Professor in Civil Engineering and Associate Director of the State of Washington Water Research Center, Washington State University</i>
10:15 AM	Break
10:30 AM	Panel Discussion: Industry Perspectives

	<p><i>Panelists:</i> Scott Revell, Manager, Roza Irrigation District Blake Rowe, CEO, Oregon Wheat Commission Melissa Hansen, Research Program Manager, Washington State Wine Commission</p>
12:00 PM	Lunch
Afternoon Session	
1:00 PM	Breakout Sessions
	<i>Track 1: Identify critical knowledge gaps related to climate change adaptation and agriculture in the NW</i>
	<i>Track 2: Improve coordination, utility, and usefulness of climate decision-support tools that exist, are being generated or envisioned for the region.</i>
4:00 PM	Break
4:15 PM	Session Review & Friday Prep Discussion
5:00 PM	Adjourn

Friday, March 11th

Morning Session	
7:30 AM	Registration & Networking Breakfast
8:30 AM	<p>Welcome, Review Priority Areas, Discuss Tasks Chad Kruger, Director, WSU CSANR and NWREC</p>
9:00 AM	<p>Breakout Sessions (Priority Focus Areas) <i>Track 1: Focus Area A</i> <i>Track 2: Focus Area B</i> <i>Track 3: Focus Area C</i> <i>Track 4: Focus Area D</i></p>
10:00 AM	Break
10:15 AM	<p>Breakout Session Continued <i>Track 1: Focus Area A</i> <i>Track 2: Focus Area B</i> <i>Track 3: Focus Area C</i> <i>Track 4: Focus Area D</i></p>
12:00 PM	<p>Lunch & Presentation “Moving forward from here...Bringing it all together” Chad Kruger, Director, WSU CSANR and NWREC</p>
1:00 PM	Evaluation & Adjourn