

# Healthy Soils, Healthy Region Workshop



*Coming together to increase the adoption of soil health practices  
through coordination and training*

**Pendleton Convention Center ~ March 12-14, 2019 ~ Pendleton, Oregon**

## **Event Goals**

1. Improve awareness of existing tools to promote soil health management.
2. Identify regional soil health priorities and strategize about how to address them.
3. Showcase ongoing regional soil health projects.
4. Explore regional solutions to build climate resilience through managing for soil health.

## **Event Purpose**

Provide professional development and research sharing opportunities on soil health and climate resilience. Create a forum for individuals and organizations working on soil health across the Pacific Northwest to improve shared understanding about priorities, challenges, and opportunities for improving soil health over the next five years. Individuals will participate in break out sessions and a large group discussion to identify common themes and priorities.

<http://csanr.wsu.edu/healthysoils/>

## Schedule at a Glance

### *Tuesday, March 12<sup>th</sup>, 2019*

	<b>7:30 AM - 8:30 PM Tradeshow Open</b>	Exhibit Hall
7:30 AM	Registration & Networking Coffee Social	Lobby/Exhibit Hall
8:00 AM	Welcome & Conference Overview	Exhibit Hall
8:25 AM - 11:30 AM	Soil Health Seminars	Rooms 5-7 & Exhibit Hall
11:30 AM	Boxed Lunch	Exhibit Hall
1:00 PM - 4:30 PM	Soil Health Small Group Workshops	Rooms 1-7 & Exhibit Hall
5:30 PM - 8:30 PM	Doors Open @ 5:30 & Welcome Dinner @ 6:00	Exhibit Hall

### *Wednesday, March 13<sup>th</sup>, 2019*

	<b>7:30 AM - 8:30 PM Tradeshow Open</b>	Exhibit Hall
7:30 AM	Registration & Networking Coffee Social	Lobby & Exhibit Hall
8:00 AM	Morning Program – Chad Kruger, Pipa Elias, Molly Stenovec & Amanda Murphy	Exhibit Hall
10:00 AM	Break	Exhibit Hall
10:30 AM	Envisioning Regional Soil Health Success Discussion	Rooms 1-4
Noon	Networking Lunch	Exhibit Hall
1:00 PM	Soil Health Priorities and Focus Discussion	Rooms 1-4
2:30 PM	Break	Exhibit Hall
2:45 PM	Developing a Regional Soil Health Framework	Exhibit Hall
4:15 PM	Closing Remarks and Announcements	Exhibit Hall
5:30 PM - 8:30 PM	Doors Open @ 5:30, Networking Poster Social @ 6:00	Happy Canyon 1 & 2

### *Thursday, March 14<sup>th</sup>, 2019*

	<b>7:30 AM - 1:00 PM Tradeshow Open</b>	Exhibit Hall
7:30 AM	Registration & Networking Coffee Social	Lobby & Exhibit Hall
8:00 AM - 10:15 AM	Soil Health Seminars	Rooms 5-7 & Exhibit Hall
10:15 AM	Break	Exhibit Hall
10:30 AM	Conference Facilitation Wrap Up/Regional Plan Discussion	Exhibit Hall
11:15 AM	Grower Perspectives on Soil Health Producer Lunch Panel	Exhibit Hall
1:00 PM	Closing & Next Steps	Exhibit Hall

### **1:30 PM - 4:00 PM Workshop Breakdown**

## Tuesday, March 12<sup>th</sup>, 2019

		7:30 AM - 8:30 PM Tradeshow Open (Exhibit Hall)		
7:30 AM		Registration & Networking Coffee		
		Location: Exhibit Hall		
8:00 AM		Welcome & Conference Overview – Georgine Yorgey, Washington State University & Leslie Michel, Okanogan Conservation District		
		8:25 AM - 12:00 PM Soil Health Seminars		
		Room 5	Room 6	Room 7
		Climate and Soil Tools for Weather Extremes	Soils 201	Intro to Soils
	8:25 AM	Climate and weather planning tools Katherine Hegewisch, University of Idaho	The contentious nature of soil organic matter Markus Kleber, Oregon State University	Discussing soil health 101 - The terminology Jennifer Moore-Kucera, USDA NRCS
	8:55 AM	A synopsis of the U.S. Drought Monitor David Simeral, Western Regional Climate Center/Desert Research Institute/U.S. Drought Monitor	What you always wanted to know about the nitrogen cycle Deirdre Griffin, Washington State University	When, where, what of soil testing Shannon Cappellazzi, Soil Health Institute
	9:25 AM	Linking soil health with climate resilience Gabrielle Roesch-McNally, USDA Northwest Climate HUB	The hard truth about compaction Jodi Johnson Maynard, University of Idaho	What’s so important about organic matter? Doug Collins, Washington State University
Refreshments Break @ 9:55 AM (Exhibit Hall)				
	10:10 AM	Location: Exhibit Hall		
		Intro to NRCS Soil Health Assessment & Soil Health Test Comparisons Cory Owens, NRCS & Shannon Cappellazzi, Soil Health Institute		
		Introduction to the Columbia Basin Agricultural Research Center Long-Term Research Plots Mary Corp & Stephen Machado, OSU Columbia Basin Agricultural Research Center		
Boxed Lunches Distributed @ Noon (Exhibit Hall)				
Small group workshops moved to the Convention Center due to Weather @ 1:00 PM - 4:30 PM (see program insert)				
		NRCS In-Field Assessment – Cory Owens (USDA-NRCS), Doug Finkelnburg (UI), Jennifer Moore-Kucera (American Farmland Trust), Dave Myrold (OSU), Allen Casey (USDA-NRCS), Aaron Roth (USDA-NRCS)		
		Protocol for Soil Health Testing – Shannon Cappellazzi (Soil Health Institute), Leslie Michel (Okanogan CD), Deirdre Griffin (WSU), Doug Collins (WSU)		
		Groups A & B	Groups C & D	Groups E & F
		Track 1: Using Web Soil Survey in the Field - Jennifer Moffitt (USDA-NRCS) & Jericho Winter (USDA-NRCS)	Track 2: Soil Pit - Jodi Johnson-Maynard (UI), Markus Kleber (OSU), Don Wysocki (OSU)	Track 3: Engaging Producers - Garrett Duyck (USDA-NRCS) & Robert Hathorne (USDA-NRCS)
(Exhibit Hall)				
Doors Open @ 5:30 – Networking Social & Cash Bar, Welcome Dinner @ 6:00 – Gabrielle Roesch-McNally, USDA Northwest Climate HUB				

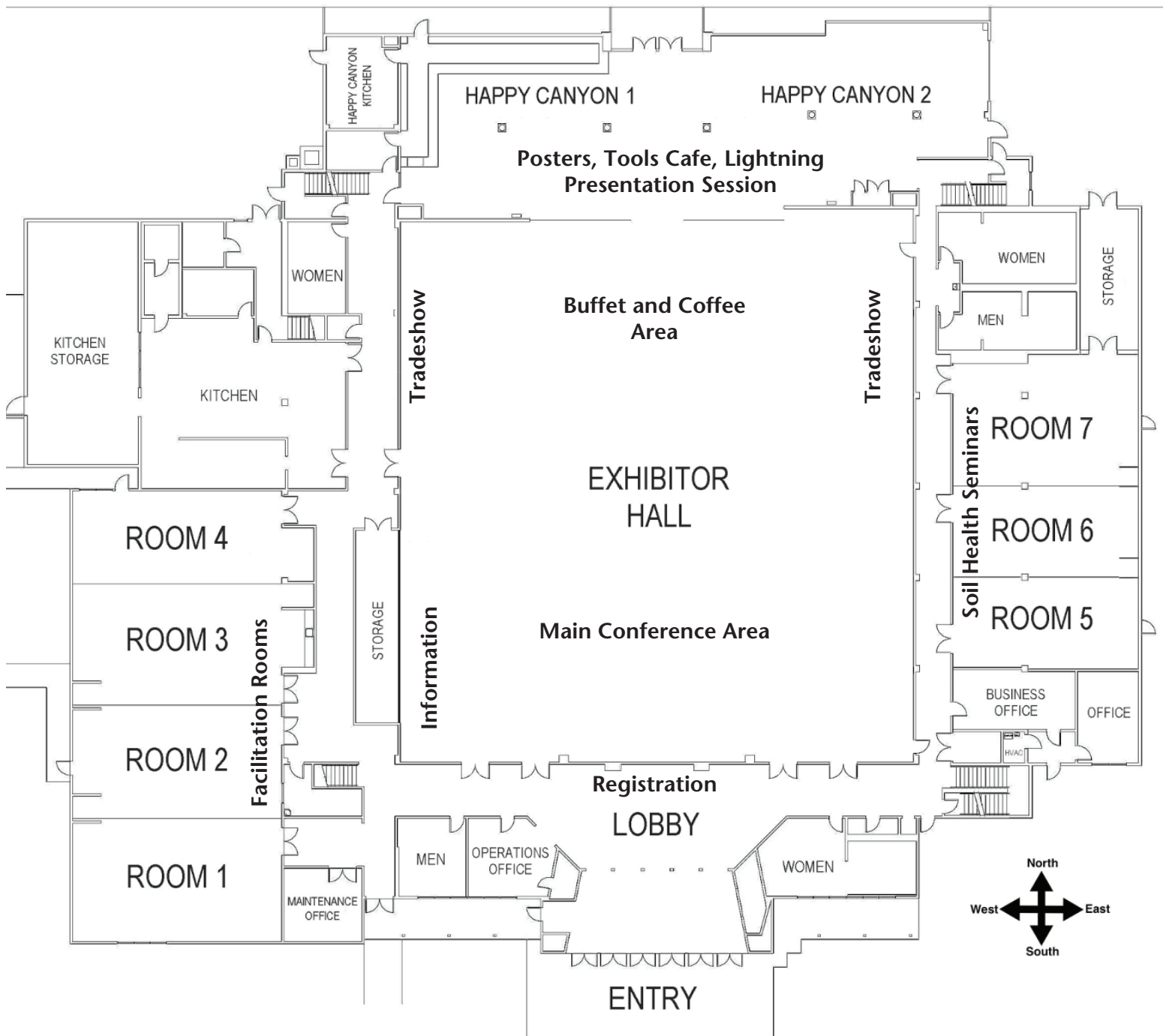
## Wednesday, March 13<sup>th</sup>, 2019

	<b>7:30 AM - 8:30 PM Tradeshow Open</b> ( <i>Exhibit Hall</i> )
<b>7:30 AM</b>	<b>Registration &amp; Networking Refreshments – Pastries &amp; Coffee</b>
<b>8:00 AM</b>	<i>Location: Exhibit Hall</i>
	<b>Welcome Address</b> – <i>Chad Kruger, Washington State University Center for Sustaining Agriculture and Natural Resources</i>
	<b>Keynote Address</b> – <i>Taking Action on Soil Health: Aligning science, economics and policies for adoption, Pipa Elias, Soil Health Strategy Manager, The Nature Conservancy</i>
	<b>Soil Health Success:</b> <i>Introduction to Regional Planning Session – Molly Stenovec &amp; Amanda Murphy, William D. Ruckelshaus Center</i>
<b>Refreshments Break @ 10:00 AM</b> ( <i>Exhibit Hall</i> )	
<b>10:30 AM</b>	<i>Location: Breakout Rooms 1-4</i>
	<b>Envisioning Regional Soil Health Success Discussion</b> – Session Facilitators: <i>Molly Stenovec &amp; Amanda Murphy - William D. Ruckelshaus Center; Georgine Yorgey, Laura Lewis, Sonia Hall, Karen Hills, &amp; Nicole Witham - Washington State University Center for Sustaining Agriculture and Natural Resources Gabrielle Roesch-McNally - USDA Northwest Climate HUB</i>
<b>Networking Lunch @ Noon</b> ( <i>Exhibit Hall</i> )	
<b>1:00 PM</b>	<i>Location: Breakout Rooms 1-4</i>
	<b>Soil Health Priorities and Focus Discussion</b> – Session Facilitators: <i>Molly Stenovec &amp; Amanda Murphy - William D. Ruckelshaus Center; Georgine Yorgey, Laura Lewis, Sonia Hall, Karen Hills, &amp; Nicole Witham - Washington State University Center for Sustaining Agriculture and Natural Resources Gabrielle Roesch-McNally - USDA Northwest Climate HUB</i>
	<b>Refreshments Break @ 2:30 PM</b> ( <i>Exhibit Hall</i> )
<b>2:45 PM</b>	<i>Location: Exhibit Hall</i>
	<b>Developing a Regional Soil Health Framework</b> – <i>Molly Stenovec &amp; Amanda Murphy, William D. Ruckelshaus Center</i>
<b>4:15 PM</b>	<b>Closing Remarks and Announcements</b> – <i>Chad Kruger, Washington State University Center for Sustaining Agriculture and Natural Resources</i>
<i>Location: Happy Canyon 1 &amp; 2</i>	
<b>Doors Open @ 5:30 PM Networking Social, Heavy Appetizers &amp; Cash Bar Poster Session, Lightning Presentations &amp; Tools Café (See Insert)</b> – <i>Jennifer Moore-Kucera, USDA NRCS</i>	

## Thursday, March 14<sup>th</sup>, 2019

		7:30 AM - 1:00 PM Tradeshow Open (Exhibit Hall)		
7:30 AM		Networking Refreshments – Pastries & Coffee		
8:00 AM - 10:15 AM Soil Health Seminars				
		Location: Exhibit Hall		
	8:00 AM	Soil Health Test Interpretation, Shannon Cappellazzi, Soil Health Institute		
		Room 5	Room 6	Room 7
		Soil Health in Action	Soil Biology	Cover Crops
	9:00 AM	Making the financial case for soil health <i>Pipa Elias, The Nature Conservancy</i>	Cover crop costs and benefits in vegetable rotations <i>Nick Andrews, Oregon State University</i>	Cover crops for dryland systems <i>Leslie Michel, Okanogan CD</i>
	9:25 AM	Participatory soil health research <i>Doug Finkelnburg, University of Idaho</i>	Healthy soil, healthy roots <i>Karen Sanguinet, Washington State University</i>	Choosing the right cover crop <i>Allen Casey, USDA NRCS</i>
	9:50 AM	Hosting great field days <i>Garrett Duyck, NRCS</i>	Soil beneficial organisms <i>Dave Myrold, Oregon State University</i>	Cover crops for irrigated systems <i>Doug Collins, Washington State University</i>
Refreshments Break @ 10:15 AM (Exhibit Hall)				
10:30 AM		Location: Exhibit Hall		
		Conference Facilitation Wrap Up/Regional Plan Discussion – Molly Stenovet & Amanda Murphy, William D. Ruckelshaus Center & Gabrielle Roesch-McNally, USDA Northwest Climate HUB		
11:15 AM		Lunch with Panel: Grower Perspectives on Soil Health <i>Mike Omeg, Omeg Family Orchard, The Dalles, OR</i> <i>April Thatcher, April Joy Farm, Ridgefield, WA</i> <i>Eric Williamson, Williamson Farms, Quincy, WA</i> <i>Russ Zenner, Zenner Family Farms, Genesee, ID</i>  Moderator: Gabrielle Roesch-McNally, USDA Northwest Climate HUB		
1:00 PM		Closing & Next Steps – Doug Finkelnburg, University of Idaho Gabrielle Roesch-McNally, USDA Northwest Climate HUB		
Adjourn @ 1:30 PM				
Workshop Breakdown 1:30 PM - 4:00 PM				

# Pendleton Convention Center



Conference catering by CG Catering  
[www.cgcatering.com](http://www.cgcatering.com)

# Notes

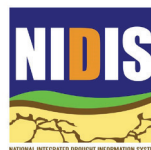


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"This conference was supported by the National Integrated Drought Information System (NIDIS, a program of the National Oceanic and Atmospheric Administration), the WSU Center for Sustaining Agriculture and Natural Resources (CSANR) and the USDA Sustainable Agriculture Research and Education program (SARE). This conference is based upon work that is supported by the National Institute of Food and Agriculture, U.S. Department of Agriculture, under award numbers 2017-38640-26916 and 2017-38640-26913 through the Western Sustainable Agriculture Research and Education program under subaward numbers 201207-511 and 201207-578. USDA is an equal opportunity employer and service provider."

## Conference Organizing Committee

Shannon Cappellazzi, Doug Finkelburg, Alison Halpern, Karen Hills, Jen Moore-Kucera, Chad Kruger, Gabrielle Roesch-McNally, Leslie Michel, Brooke Saari, Don Wysocki, Georgine Yorgey

**Thank You!!**