OSSS Winter Meeting and Soil Quality Network 2013  
February 28th and March 1st

Location: McMenamins Edgefield  
http://www.mcmenamins.com/Edgefield  
2126 S.W. Halsey St.  
Troutdale, OR 97060  
Local: (503) 669-8610  
Elsewhere: (800) 669-8610  
edge@mcmenamins.com  
Block of rooms held until Jan. 28th!

More information and online registration at http://www.oregonsoils.org/

Meeting Agenda

**Day 1: Thursday, February 28th, 2013**

<table>
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<tr>
<th>Time</th>
<th>Session</th>
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<tr>
<td>7:00 am</td>
<td>Registration/Continental Breakfast – <strong>Blackberry Hall</strong></td>
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<tr>
<td>8:00 am</td>
<td>Welcome/Housekeeping – Moderator – <strong>Blackberry Hall</strong></td>
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| 8:15 am | Opening Session – Keynote Speaker: **Greg Retallack**, University of Oregon  
                  Topic: Global cooling by grassland soils in the geological past and near future – **Blackberry Hall** |
| 9:15 am | Break                                                                   |
| 9:30 am | TOUR travel – OSSS and SQN 2013                                         |
| 10:00 am| Tour Stop #1                                                           |
|         | • OSSS – Explore the classic geomorphology of the Dabney State Park disc golf course.  
         | • SQN - Visual Soil Assessment - **Graham Shepherd**, BioAgriNomics, Ltd. |
| 12:00 pm| Lunch – location TBD (provided with registration)                       |
| 1:00 pm | Tour Stop #2                                                            |
|         | • OSSS – Explore the classic geomorphology of the Dabney State Park disc golf course  
         | • SQN rotating sessions                                                 |
|         |   ▪ Soil Water Holding Capacity – **Jeff Mitchell**, UC Davis           |
|         |   ▪ Estimating Soil Moisture by Feel and Appearance – **Ron Raney**, NRCS |
| 3:00 pm | Travel - Return to McMenamins Edgefield                                 |
3:30 pm Break

3:45 – 5:00PM Soil Ethics - **Phil Scoles** – **Ballroom**

4:00pm **Social Hour and Poster Session** – **Toasting and Postering!** - **Blackberry Hall**
   No-host Bar

5:30 pm **OSSS Annual Meeting** – All welcome! - **Blackberry Hall**
   **Conclude with Open Mic that may include:**
   - Entertainment: music, soil poetry, "dirty stories", etc.

**Dinner/Evening on your own – continue networking!!!**

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### Day 2: Friday, March 1, 2013

#### 7:00 am
Breakfast Buffet – **Blackberry Hall**

#### 7:30 am
Speaker (included in registration) – **Blackberry Hall**

**Carrie Sanneman**, Willamette Partnership - Topic: Nutrient Tracking Tool

#### 8:30 – 9:00 am
**Garrett & Matteson** – **Blackberry Hall**

Topic: Oregon’s Soil Quality Movement!  SQN Database and Website

#### 9:30 am - **Concurrent Sessions**

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<tr>
<th>Track 1 - Blackberry Hall</th>
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<tr>
<td><strong>Oregon Society of Soil Scientists</strong> – What’s HOT?</td>
<td><strong>SQN 2013: SQ related to Water Quality and Quantity</strong></td>
</tr>
<tr>
<td><strong>9:30-11:00am OSU Student Presentations</strong></td>
<td><strong>9:30 – 10:30 am</strong></td>
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<tr>
<td><strong>Young Professional Spotlight</strong> - <strong>Meghan Krueger</strong> - Flexibility and communication balance technically sound</td>
<td><strong>Jeff Mitchell</strong>, UC Davis</td>
</tr>
<tr>
<td><strong>John R. Yeo</strong> - Phytophthora root rot disease of blueberry</td>
<td>Soil quality initiatives of California’s Conservation Agriculture Systems Innovation Center: Motivations, goals, and adoption campaigns</td>
</tr>
<tr>
<td><strong>Shannon B. Andrews</strong> - Fertilizer Value of Algae</td>
<td><strong>10:30 – 11:30 am</strong></td>
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<tr>
<td><strong>Meal</strong></td>
<td><strong>Brendon Rockey</strong> – Rocky Farms, Center, Colorado Holistic Potato Management - Taking a realistic, and economic look at the vital role of soil biology in potato production, as well as the importance of diversity in plant species in farming operations.</td>
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<tr>
<td><strong>Myles Gray</strong> - Biochars for Filtration and Water Retention</td>
<td><strong>11:00 – 11:30 am</strong></td>
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<tr>
<td><strong>Allen Makinson</strong> The previous generation’s contribution – the long view in soil science.</td>
<td><strong>McMenamins Groundwater Project Tour</strong> – 20 minute formal presentation followed by small groups led by PSU students to visits project well sites. <strong>Blackberry Hall</strong></td>
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11:45 am **McMenamins Groundwater Project Tour** – 20 minute formal presentation followed by small groups led by PSU students to visits project well sites. **Blackberry Hall**

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**End of Day 2**
12:30 pm to 1:45 pm **Fajita Buffet Lunch** (included in registration) with 3 Speed Mentoring sessions x 15 minutes each (30 minutes to buffet and sit for 15 minutes at that table and 2 (15 min.) sessions at two more tables. - **Blackberry Hall. James orchestrate; timer**

1:45 pm Break

2:00 pm **Concurrent Sessions**

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<td><strong>2:00 - 3:30 pm OSU Students</strong></td>
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<tr>
<td>Megan McGinnis - Soil enzyme activity in PNW Douglas-fir stands</td>
<td>2:00-4:00 pm <strong>Graham Shepherd</strong>, BioAgriNomics, Ltd., New Zealand</td>
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<tr>
<td>Marci Burton - Denitrifier Communities in Forest Soils</td>
<td>Visual Soil Assessment</td>
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<tr>
<td>Ryan Stewart - How swelling clay soils swell</td>
<td>Soil Health related to Water Quality and Quantity</td>
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<tr>
<td><strong>3:30 – 4:00 pm</strong></td>
<td>Outreach to Farmers – tools and strategies</td>
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<tr>
<td><strong>Scott Burns</strong> - Using soils to interpret landscape history and predict future land use problems.</td>
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4:10 pm **Wrap-up Panel Discussion**  
Topic: Soil Quality Related to Water Quality and Quantity  
*Ballroom or Blackberry Hall - TBD*

**Panelists:**
- Rick Fasching, NRCS
- Todd Jarvis, OSU Institute for Water and Watersheds
- Brian Rabe, Cascade Earth Sciences
- Daniel Moreno, Oregon State University - Water Resources Engineering

4:45 pm **Adjourn**

**Thanks to Meeting Sponsors!**  
This conference is partially funded by the Western Sustainable Agriculture Research and Education Program. [http://wsare.usu.edu](http://wsare.usu.edu)  
Professional Development Program: 307-837-2674

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More information and online registration

Conference Registration (check one)  
☐ Current Member of  
  o SWCS membership number ____________________  
  o OSSS membership number ____________________  
  o Other: Professional Natural Resource Society and number ____________________
☐ SQN registration + OSSS membership (renewal or new) $185
☐ SQN registration + new SWCS membership $195
☐ Non-member $200
☐ Undergraduate Student $50
☐ Graduate Student $75
☐ Late registration: after February 8, 2013 $225
☐ Fund the Future (extra donation for student rooms and transportation) $____

For more information on student opportunities and lodging contact:  
Alicia Leytem  
leytema@gmail.com

Continuing Education Units:
This workshop is approved by the SSSA for 10 CEUs in soil and water management for certified crop advisors (CCA)

While you are in the conference mood:
Don’t miss the  
OSU Small Farms Conference  
LaSells Stewart Center  
Oregon State University in Corvallis Oregon!  
Saturday, March 2, 2013 in Corvallis, Oregon.

Register

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This event will be made accessible upon request. Please call 541-766-3551 for information. If you have a physical disability that requires special considerations in order for you to attend the Soil Quality Network 2013 / OSSS Winter Meeting, please notify Amy Garrett at 541-766-3551 by February 1, 2013.