

# SOIL & WATER MANAGEMENT & CONSERVATION (S06)



Prepared by: 2013 Division Chair – Alan Franzluebbers, USDA-Agricultural Research Service, 3218 Williams Hall, NCSU Campus Box 7619, Raleigh NC 27695 – Office: 919-515-1973 – [alan.franzluebbers@ars.usda.gov](mailto:alan.franzluebbers@ars.usda.gov)

## October 2013 Newsletter

Dear Colleagues,

Wishing you well, whether you are busy completing field work, taking classes, advising / teaching students, or preparing for the annual meeting of the ASA-CSSA-SSSA. The meeting schedule for our division is full of many sessions – a testament to the urgent need of these activities for science and

society. According to the theme of this year's meeting, "Water, Food, Energy & Innovation for a Sustainable World", our division will be contributing from many angles. I look forward to seeing you at one of these technical sessions, as well as the business meeting on Wednesday Nov 6.

*Alan J. Franzluebbers*

### Technical Sessions

#### Monday

##### **Bioenergy Production and Environmental Consequences**

1:10 PM-4:00 PM, Marriott, Grand Ballroom J – Orals

##### **Soil Quality Assessments**

1:10 PM-4:00 PM, Marriott, Room 6 – Orals

##### **Management of Soil Water**

1:25 PM-4:00 PM, Marriott, Room 5 – Orals

##### **Bioenergy Crops, Biomass Production, and Soil and Environmental Quality**

4:00 PM-6:00 PM, Convention Center, East Hall – Posters

##### **Soil Quality**

4:00 PM-6:00 PM, Convention Center, East Hall – Posters

#### Tuesday

##### **Symposium--Ecosystem Services from Conservation Management: Identifying Knowledge Gaps and Research**

8:00 AM-11:40 AM, Convention Center, Room 14 – Orals

##### **Soil Organic Carbon Challenges in the Field**

8:00 AM-10:05 AM, Convention Center, Room 20 – Orals

##### **Symposium--Mitigating Drought and Other Impacts Of Climate Change Through Management To Improve Soil Health and Productivity**

9:00 AM-12:10 PM, Convention Center, Room 10 – Orals

##### **Crop Diversity Contributions to Ecosystem Services**

12:55 PM-3:45 PM, Convention Center, Room 20 – Orals

##### **Crop Yield with Conservation Agricultural Management**

12:55 PM-4:00 PM, Convention Center, Room 10 – Orals

##### **Water, Nutrients, and Conservation Systems**

4:00 PM-6:00 PM, Convention Center, East Hall – Posters

#### Wednesday

##### **Symposium--Integration of Perennials to Enhance Agroecosystem Services and Provide Renewable Energy Sources**

8:05 AM-11:45 AM, Convention Center, Room 22-23 – Orals

##### **Nitrogen Management and Conservation**

12:40 PM-2:30 PM, Convention Center, Room 1-2 – Orals

##### **Landscape Approach to Conservation**

12:55 PM-2:30 PM, Convention Center, Room 3-4 - Orals

##### **Climate Change and Soil and Water Sustainability**

1:10 PM-2:30 PM, Convention Center, Room 11 – Orals



### Business Meeting

Wednesday, 2:30 PM-4:00 PM, Convention Center, Room 11

#### Agenda

- o Call to order
- o Introduction of officers and committee chairs
- o Review of sessions in Tampa
- o Presentation of awards
- o Board representative report
- o SWCS liaison report
- o Soil Science Society of America Journal report
- o Call for nominations
- o Call for 2014 symposium and topic sessions
- o Other business

Comments / suggestions for future activities / meetings

### Division Leaders



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Please join all of the SSSA divisions as we gather for our first-ever Cross-Divisional Symposium on Monday morning following the SSSA Awards Breakfast. If you haven't yet registered for the awards breakfast, you can still purchase tickets at the on-site registration desk for \$5. Looking forward to seeing you at the symposium!









**SSSA Cross-Divisional Symposium**

**Monday 4 November 2013 – Tampa, Florida**

*Addressing an important question facing science and society:*

**Can Global Food / Fiber Security and Environmental Quality be Simultaneously Achieved?**

|             |   |  |
|-------------|---|--|
| 07:15-09:15 |    | <b>SSSA Awards Breakfast + Featured Speaker – Dr. Colin Chartres</b> , Former Director, International Water Management Institute of CGIAR – Speaking on “Feeding 9 billion: A critical challenge for agricultural science”   |
| 09:50-10:15 |    | <b>Dr. Pedro Sanchez</b> , Director, Tropical Agriculture and the Rural Environment Program, The Earth Institute at Columbia University, New York NY – Speaking on “How the fundamental soil science group can better address the food production/environmental challenge” |
| 10:25-10:50 |    | <b>Dr. Rattan Lal</b> , Distinguished University Professor of Soil Science; Director, Carbon Management and Sequestration Center, Ohio State University, Columbus OH – Speaking on “Beyond intensification”  |
| 11:00-11:25 |  | <b>Dr. Peter Groffman</b> , Senior Scientist in Microbial Ecology, Cary Institute of Ecosystem Studies, Millbrook NY – Speaking on “Soils and ecosystem response to global environmental change”   |
| 11:35-12:00 |  | <b>Dr. Ann Bartuska</b> , Deputy Under Secretary for Research, Education & Economics, USDA, Washington DC – Speaking on “Supporting agricultural sustainability through the education & practicing professionals group”  |
| 12:10-12:45 |  | <b>SSSA Chairs Panel</b>   |
| 12:45-13:00 | Closing   | <b>Complimentary snack lunch</b> - with voucher obtained at door while supplies last   |

**Sponsors**






Expanding food and fiber production for an ever increasing human population is a scientific and societal challenge. An equally enormous challenge is maintaining and improving environmental quality in the face of expanded human alterations of the biosphere. Sustained food and fiber production will require soil, water, and air resources to be in the best condition, not in a compromised state. On the other hand, regulating environmental quality without due consideration of human needs may not promote societal well-being. This cadre of authoritative speakers will challenge us to develop solutions.

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| Soil Science Society of America – 5711 Committee on Program Planning, Jan Hopmans – Chair, SSSA 2014 President, <a href="mailto:jwhopmans@ucdavis.edu">jwhopmans@ucdavis.edu</a>  |   |
| <b>Fundamental Soil Science Group</b><br>Soil Pedology Division, Phillip Owens, <a href="mailto:prowens@purdue.edu">prowens@purdue.edu</a><br>Soil Biology & Biochemistry Division, Janice Thies, <a href="mailto:jet25@cornell.edu">jet25@cornell.edu</a><br>Soil Chemistry Division, Scott Fendorf, <a href="mailto:fendorf@stanford.edu">fendorf@stanford.edu</a><br>Soil Mineralogy Division, Christopher Matocha, <a href="mailto:cjmat02@uky.edu">cjmat02@uky.edu</a><br>Soil Physics Division, Cristine Morgan, <a href="mailto:cmorgan@ag.tamu.edu">cmorgan@ag.tamu.edu</a> | <b>Soil &amp; Ecosystem Processes Group</b><br>Forest, Range & Wildland Soils Division, Daniel Richter, <a href="mailto:drichter@duke.edu">drichter@duke.edu</a><br>Soils & Environmental Quality Division, Sharon Papiernik, <a href="mailto:sharon.papiernik@ars.usda.gov">sharon.papiernik@ars.usda.gov</a><br>Urban & Anthropogenic Soils Division, Greg Evanylo, <a href="mailto:gevanylo@vt.edu">gevanylo@vt.edu</a><br>Wetland Soils Division, Alan Wright, <a href="mailto:alwr@ifas.ufl.edu">alwr@ifas.ufl.edu</a> |
| <b>Agricultural Soil &amp; Food Systems Group</b><br>Nutrient Management & Soil & Plant Analysis Division, Robert Miller, <a href="mailto:rmiller@lamar.colostate.edu">rmiller@lamar.colostate.edu</a><br>Soil & Water Management & Conservation Division, Alan Franzluebbers, <a href="mailto:alan.franzluebbers@ars.usda.gov">alan.franzluebbers@ars.usda.gov</a><br>Soil Fertility & Plant Nutrition Division, Kevin Bronson, <a href="mailto:kevin.bronson@ars.usda.gov">kevin.bronson@ars.usda.gov</a>   | <b>Education &amp; Practicing Professionals Group</b><br>Consulting Soil Scientists Division, Philip Small, <a href="mailto:philip.small@landprofile.com">philip.small@landprofile.com</a><br>Soil Education & Outreach Division, Eric Brevik, <a href="mailto:eric.brevik@dickinsonstate.edu">eric.brevik@dickinsonstate.edu</a>   |

Plan on attending the ASA-CSSA-SSSA International Annual Meetings – <https://www.acsmeetings.org>

