

2013 Soil and Water Management and Conservation Division Business Meeting

Tampa Convention Center, Room 10

Wed. Nov. 6, 2013. 2:30-4:00 p.m.

~45 members in attendance.

Call to Order - 2013 Program Chair Alan Franzluebbbers

Introduction of Officers and Committee Chairs (Franzluebbbers)

- **Officers**
 SSSA Board Representative – Harold van Es
 2014 Division Chair (Incoming) – Tom Sauer
 2012 Division Chair (Past) – Jeff Strock
 2013 Division Chair (Current) – Alan Franzluebbbers
- **SSSA-SWCS Joint Symposium**
 Jorge Delgado (Chair), Veronica Acosta-Martinez, Clark Gantzer, Chris Gross, Rebecca Power, and Jeff Strock
- **Young Scholar Award Committee**
 Jeff Strock (Chair), Mark Liebig, and Harry Schomberg
- **Nominating Committee**
 Alan Franzluebbbers (Chair), Jeff Strock, and Mark Liebig
- **Graduate Student Award Committee**
 Clark Gantzer (Chair), Humberto Blanco, and Zhi (Luke) Wang
- **Best Paper Award Committee**
 Hero Gollany (Chair) Humberto Blanco, Sjoerd Duiker, David Huggins, Maysoon Mikha, DeAnn Presley, and Jason Warren
- **Graduate Student Poster Competition Committee**
 Jeff Strock (Chair), Sangu Angadi, Troy Bauder, Sam Dennis, Angela Ebeling, Fabian Fernandez, Dory Franklin, Satish Gupta, Lin Handayani, Josh Heitman, Jaehoon Lee, and Rich McLaughlin

Review of Session in Tampa (Franzluebbbers)

Monday

- Can global food / fiber security and environmental quality be simultaneously achieved? – SSSA cross-divisional symposium orals (4) – Alan Franzluebbbers

- Bioenergy production and environmental consequences – orals (9) – Humberto Blanco
- Soil quality assessments – orals (10) – Maria Silveira
- Management of soil water – orals (9) – Dinku Endale
- Bioenergy crops, biomass production, and soil and environmental quality – posters (25)
- Soil quality – posters (18)

Tuesday

- Ecosystem services from conservation management: Identifying knowledge gaps and research needs – special session symposium orals (6) – David Huggins, Mark Liebig
- Soil organic carbon challenges in the field – orals (7) – Hero Gollany
- Mitigating drought and other impacts of climate change through management to improve soil health and productivity – joint SSSA-SWCS symposium orals (7) – Jorge Delgado
- Crop diversity contributions to ecosystem services – orals (10) – Cindy Cambardella
- Crop yield with conservation agricultural management – orals (10) – DeAnn Presley
- Water, nutrients, and conservation systems – posters (46)

Wednesday

- Integration of perennials to enhance agroecosystem services and provide renewable energy sources – symposium orals (8) – Mahdi Al-Kaisi, Prasanna Gowda
- Nitrogen management and conservation – orals (7) – Dory Franklin
- Landscape approach to conservation – orals (6) – Sabine Grunwald
- Climate change and soil and water sustainability – orals (5) – Durga Poudel

There were a total of 94 oral (73 volunteered and 21 invited) and 89 poster presentations.

Presentation of Awards

- Best Paper Award (presented by Hero Gollany)
 - Recipients: Emily Marriott and Michelle Wander of the University of Illinois for their paper: Total and labile soil organic matter in organic and conventional farming systems. Soil Science Society of America Journal, 2006, 70:950-959
 - 285 papers published 2006-2008
 - 3 vacancies on committee
 - Maria Silveira and Francisco Arriaga volunteered to fill vacancies
- Soil and Water Conservation Scholarship (presented by Jerry Lemunyon)
 - Recipient: Elizabeth Newell of West Texas A & M University, Canyon, TX
 - Advisor: Brock Blaser and Mentor: Paul DeLaune
 - 37 applicants (most of any SSSA student award)
 - Support scholarship through contributions to the Agronomic Science Foundation
 - 2 vacancies on committee
 - Dory Franklin and Florence Cassel Sharma volunteered to fill vacancies
- Graduate Student Award (presented by Franzluebbbers on behalf of committee)
 - Recipient: Hossein Sadeghi of Washington State University

- Grad Student Poster Awards (announced by Franzluebbbers on behalf of committee chair, Jeff Strock)
 - Recipients: 1st Corey Lacey of Illinois State University, 2nd Pasicha Chaikaew of the University of Florida and 3rd (tie) Alexandra Roxin of the University of Florida and Endale Tafesse of the Ben-Gurion University of the Negev
- Young Scholar Award (presented by Mark Liebig)
 - Recipient: Dr. Bianca Moebius-Clune of Cornell University

SSSA President Report (David Lindbo)

- Certificate of appreciation to Franzluebbbers for service as SWMC 2013 Chair
- Survey forthcoming on annual meeting. No reply implies it was a “perfect meeting”.
- Golden Opportunity Scholars – should be nominating undergraduate students. If you nominate, you should also volunteer to be a mentor.
- 2015 is the International Year of the Soil. Public service announcements being prepared. Requests input on ways to promote soils to the general public and policymakers.
- December 5 every year is Global Soil Day. Consider some form of commemoration For example, Ray Weil is a day sponsor on local public radio or consider a news article on your favorite professor.

Board Representative Report (Harold van Es)

- SWMC Division is now represented by 3 board representatives shared with 1) Nutrient Management and Soil and Plant Analysis and 2) Soil Fertility and Plant Nutrition in the Agricultural Soil and Food Systems Group
- Annual Meetings – 2014 Long Beach theme is “Grand Challenges – Great Solutions”. Carolyn Olson is SSSA Program Chair and Ron Turco is SSSA Program Planning Officer
- Strategic Plan – New plan in 2013 available under “About Us” on SSSA website. With new SSSA structure full division names should be used instead of numbers. Also new bylaws and board representation by Group to balance representation due to varying division size.
- “Dig It – The Secrets of Soil” exhibit with SSSA as Founding Sponsor will be on display May 1, 2014 – March 31, 2015 at The California Museum in Sacramento, CA.
- SSSA Specialized Conferences
 - “Soils Role in Restoring Ecosystem Services” March 6-9, 2014 in Sacramento, CA (abstracts due Dec. 1)
 - “Innovation in Soil-Based Onsite Wastewater Treatment” April 7-8, 2014 in Albuquerque, NM (abstracts due Dec. 6)
- Publications Update
 - Digital Library has generated more than \$330k with more than 1800 member subscriptions. For 2013 there were 2 million+ journal article downloads and 155,000+ book/chapter downloads. For 2014, staff has signed a 3-year, \$650k agreement with a consortium of Mexican universities. Negotiations for agreements with other university consortiums in China, Brazil, Australia, Turkey, and the UK are underway.
 - In 2013, journal submissions have increased 20% with more than 30% of that increase from authors outside the U.S. Savings from not having to print has helped

- offset loss of revenue from eliminating standard page charges. Many papers are longer than 7-8 pages so do incur some page charges.
- *Crop and Soils* is now available in digital format with better readability, embedded videos, and more interactivity. Free apps are available from iTunes, Google, and Amazon.
 - Journal table of contents notices with links to articles are now sent in a monthly email to journal subscribers.
 - The books program is being revitalized, doubling the number of books published in 2013/14. The Books program is looking to publish in all areas of soil science from K-12 to graduate studies, practical/CCA/CPSS, and other channels. Contact the ACS Book Publishing Committee for information or with your ideas.
 - SSSA Membership - 6919 members as of Sept. 30. This is an increase of 103 from the end of 2012. Active members are down 27 but graduate student members are up 200. SSSA now has 36 Corporate Members.
 - Science Office Activities
 - Congressional Visits Day (CVD) – Each spring the Science Policy Office brings Society leadership, science policy committee members, and selected graduate students to Washington DC to raise support for science and research funding. To participate, graduate students apply for the Future Leaders in Science Award and are selected based on their interest in and experience with science policy. Please encourage graduate students to apply in 2014
 - Legislation Action Network (LAN) – The LAN is a subset of SSSA members self-identified as having an interest in science policy and a desire to participate in advocacy opportunities. LAN members receive a quarterly newsletter and e-action alerts on critical legislative issues. To join the LAN, visit the Science Policy website: soils.org/science-policy/get-involved/network-signup.
 - Science Policy Speaking Tour – Speakers are available from the Science Policy Office for departments' seminar series or special events. Speakers will present an introduction to science policy and the legislative process and discuss ways scientists and students can engage in advocacy.

SWCS Liaison Report (Jorge Delgado)

- 14th year of the SSSA-SWCS Liaison
- From Reno, NV SWCS Conference - Conservation Research Award to David Archer and Alan Franzluebbers and Jean Steiner was elected SWCS Fellow.
- Tentative theme for 2014 joint SSSA-SWCS symposium is "Challenges for traditional conservation practices". Proposal for support from SWCS is due in mid-Dec.
- Delgado's term expires at end of next year.

Soil Science Society of America Journal Report (Brian Wienhold SWMC Technical Editor)

- 454 submissions to SSSAJ this year, 86 to SWMC (largest division). ~60% international contributions and ~45% acceptance rate.
- Guy Levy and Kristof Van Oost are leaving editorial board.
- Still some problems with manuscript software. Please be patient and open to providing reviews when requested to speed publication process.

- SSSAJ impact factor is slipping. Review papers are known to increase a journal's impact factor so consider submitting a review article. Symposium or session paper groups/special issues are also encouraged. Reduction in page charge change may help.
- Delgado commented that there are ~32 journals in soil science so it is a competitive field. David Robinson commented that it is more difficult to publish interdisciplinary science in SSSAJ.

Call for Nominations (Franzluebbers)

Nominations (may also accept nominations via email later)

2016 Division Chair

Nominee: Jane M.F. Johnson (Jorge Delgado 1st, Harold van Es 2nd)

2015-2017 SSSA-SWCS Liaison Chair

Nominees: Jeff Strock and Chris Gross (co-chairs) (Jorge Delgado 1st, Francisco Arriaga 2nd)

2015-2017 Board Rep (Agriculture and Food Systems Group)

One (of 3) positions open. Other divisions have nominated one candidate each.

2016 SSSA President

Nominee: Harold van Es (Alan Franzluebbers 1st, Doug Karlen 2nd)

Call for 2014 Symposium and Topic Sessions (Tom Sauer)

- Symposium and Session Ideas
 - Improvement of nitrous oxide flux measurement techniques
 - Cloud computing/big data management impacts on science and research
 - Understanding soil change through the critical zone
 - Sustainable intensification
 - Management practices for conserving soil nitrogen
 - Soil quality interaction with human health
 - Deeper soil processes (esp. soil organic carbon)
 - Critical zone observatories – linkage with LTARs and LTERs
- SWCS-SSSA Joint Symposium
 - Challenges to Our Traditional Conservation Practices and Potential Solutions Moving Forward
- Tour
 - Urban agriculture – possible co-sponsor with Global Agronomy Section

Other Business

Kirk Iverson has been maintaining the division web page but would like to hand this responsibility off to someone.

Motion to Adjourn (Doug Karlen 1st, Francisco Arriaga 2nd) 4:15 p.m.

Tom Sauer, SWMC Division 2014 Chair