

# SOIL & WATER MANAGEMENT & CONSERVATION (S06)



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## March 2013 Newsletter



### ***Water, Food, Energy, and Innovation for a Sustainable World***

3–6 November 2013 in Tampa, Florida

The division is planning two symposia and several topic areas, so you'll have many opportunities to submit your latest research and learn of the activities of others.

Submission of abstracts is now open.

#### Deadlines for abstract submissions:

Early submission deadline is April 30

- \$50 professionals
- \$30 students

Late submission deadline is May 14

- \$70 professionals
- \$50 students

Visit the abstract submission portal at:

<https://www.acsmeetings.org/poster-oral-papers>

#### Division symposia planned:

##### ***Ecosystem Services from Conservation Management – Identifying Knowledge Gaps and Research Needs***

- Organizers: David Huggins, Mark Liebig

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

- Organizers: Mahdi Al-Kaisi, Prasanna Gowda

Joint SSSA–SWCS Symposium

##### ***Mitigating Drought and Other Impacts of Climate Change Through Management to Improve Soil Health and Productivity***

- Organizer: Jorge Delgado

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#### Division topic sessions (O–oral, P–poster):

- Crop Diversity Contributions to Ecosystem Services (O+P)
- Climate Change and Soil and Water Sustainability (O+P)
- Bioenergy Crops, Biomass Production, and Soil and Environmental Quality (O+P)
- Management to Improve Soil Water Retention and Water–Use Efficiency (O)
- Agricultural Practices to Increase Nitrogen–Use Efficiency, Carbon Sequestration, and Greenhouse Gas Mitigation (O+P)
- Soil Quality Assessments (O+P)
- Evaluating Site Hydrology, Soil Drainage, and Soil Morphology for Wetland Assessments (O)
- Challenges in Determining and Estimating Soil Organic Carbon Changes in the Field (O)
- Effects of Spatially Persistent Field Characteristics (e.g. hydraulic conductivity, denitrification hot spots, P and K fixation, slope, aspect) on Spatial Variation of ET<sub>c</sub> (O+P)
- Transitions: Maximum Yield–Maximum Economic Yield–Best Sustainable Yield – The True Value of Soil, Water and Fertilizer Resources Requires a Regional Approach (O)
- Long–Term Agroecological Research (LTAR) Networks (P)
- Fate of Carbon Transported by Erosion (P)
- Long–Term Effects of Land Application of Biodegradable Wastes on Soil Quality and Water Use Efficiency (P)
- What do We Really Know about Ungrazed and Grazed Grass Riparian Buffers Impact on Stream Water Quality? (P)

## Awards

### *Soil and Water Conservation Scholarship*

Great soil and water conservationists do not evolve from our education systems, but are nurtured throughout their education and career building period by conservation stalwarts who have traveled before them. Credit must be given to the mentors and colleagues that have shaped the field of soil and water conservation before us. The reality is the number of professionals, mentors, college curriculums, and students are diminishing in the field of soil and water conservation. This Soil and Water Conservation Scholarship is meant to bring back into focus the vital necessity and passion for our discipline by encouraging current students to consider a career in soil and water conservation. The award is supported by funds from the Soil & Water Management & Conservation Division to the Agronomic Science Foundation and administered by SSSA.

A stipend of \$3000 will be awarded to the selected candidate in August preceding the start of the fall semester. In addition, \$500 will be awarded to the student awardee's major professor or advisor to encourage the continued mentoring of the student in the field of soil and water conservation, as well as to entice the student candidate to apply for the scholarship, and to accompany the awardee attending the SSSA Annual Meeting.

#### ***Evaluation:***

- Current scholastic accomplishments (classes taken, projects completed) Transcripts not required.
- Student's career goals in soil and water conservation
- Student's work experiences in the field of soil and water conservation
- Student's vision of the importance of soil and water conservation in their near future
- Major professor's support and acknowledgement of student's activities

#### ***Deadline:***

- Initiation – 23 April 2013; Support letters and final submission – 30 April 2013

#### ***Eligibility:***

- Candidate must be a student enrolled in a North American (USA, Canada, and Mexico) University; preference will be given to students enrolled in a land grant university, or other universities or colleges having an equivalent agricultural curriculum
- Student can be a junior or senior in a B.S. program or a M.S. candidate
- Award allows self-nominations
- Student's major professor must support the candidate by writing a letter of support

#### ***Qualifications:***

- Current school enrollment
- Major Professor/Advisor support by written letter describing the students activities in soil and water conservation
- Academic and Field Experiences – Describe academic and field experiences in soil and water conservation (classes and special studies, field experiences) in one page (≤450 words on 1 page)
- Vision and Career Objective – Summarize your vision of the vital efforts required in soil and water conservation to maintain the sustainable production of our agricultural goods and services and to protect the quality of our natural resources; relate how your current student work and education objectives will fit into this vital task and how a future career objective after graduation will make a difference in the task of conserving soil and water resources (≤450 words on 1 page)

Further information obtained by contacting Jerry Lemunyon, Scholarship Chair ([lemunyon@academicplanet.com](mailto:lemunyon@academicplanet.com))

Apply online at: <https://www.soils.org/awards/view>

## Awards

### *Graduate Student Poster Competition*

Awards will be given for a poster competition event at the annual meeting, with cash prizes of \$250, \$200, and \$150 given for first, second, and third place winners, respectively. Funds will be provided from the “Program Enhancement Fund” of the division. To enroll in the competition, a graduate student will submit an abstract online through the normal abstract submission process to one of the eligible topic sessions designated by the division. The Past Chair of the division will lead the judging team, typically composed of 3–5 members of the division. Posters will be judged based on the quality of presentation, originality of the work, and interpretation of the experimental results.

### *Graduate Student Award*

Award will be presented each year to a graduate student whose thesis research and graduate responsibilities utilize creative approaches to gain understanding and develop solutions for soil and water conservation and management problems. Recipient's research must be in the area of soil and water management and conservation. The \$350 award is designed to assist the student with travel expenses associated with attending the annual SSSA meeting. Recipient will be recognized at the division business meeting and is asked to attend if possible.

To apply, please send: 1) one–page summary of current thesis research, 2) one–page CV, 3) transcript from current graduate institution, and 4) reference letter from current major professor/advisor.

Nomination or application packages are due to the Award Committee Chair by May 31. The requested materials should be sent to: Dr. Clark J. Gantzer ([gantzerc@missouri.edu](mailto:gantzerc@missouri.edu)), 330 ABNR, School of Natural Resources, University of Missouri, Columbia, MO 65211; Tel: 573–882–0611; Fax: 573–884–5070

### *Best Paper Award*

The division honors the authors of SSSAJ manuscripts published within the Soil & Water Management & Conservation section of the journal during the last seven years that have had exceptional impact on the scientific community. Selection is based on rigorous evaluation of how the manuscript has advanced knowledge in the profession, effectiveness of communication, originality, and impact measured by number of citations and downloads.

### *SSSA–Wide Awards*

Various SSSA awards are available for nomination of you or your colleagues represented in any division. Please see more information about these awards at: <https://www.soils.org/awards/view>

### *Committee Chairs*

Jorge Delgado ([jorge.delgado@ars.usda.gov](mailto:jorge.delgado@ars.usda.gov)) – SSSA–SWCS Joint Symposium

Brian Wienhold ([brian.wienhold@ars.usda.gov](mailto:brian.wienhold@ars.usda.gov)) – SSSA Technical Editor

Jeff Strock ([jstrock@umn.edu](mailto:jstrock@umn.edu)) – Nominating, Young Scholar Award, Graduate Student Poster

Clark Gantzer ([cgantzer@missouri.edu](mailto:cgantzer@missouri.edu)) – Graduate Student Award

Jerry Lemunyon ([Lemunyon@academicplanet.com](mailto:Lemunyon@academicplanet.com)) – Soil and Water Conservation Scholarship

Hero Gollany ([hero.gollany@ars.usda.gov](mailto:hero.gollany@ars.usda.gov)) – Best Paper Award

Kirk Iversen ([kiversen@auburn.edu](mailto:kiversen@auburn.edu)) – Webmaster

### *Division Officers*

2013 Chair – Alan Franzluebbbers  
([alan.franzluebbbers@ars.usda.gov](mailto:alan.franzluebbbers@ars.usda.gov))

2012 Chair – Jeff Strock ([jstrock@umn.edu](mailto:jstrock@umn.edu))

2014 Chair – Tom Sauer ([tom.sauer@ars.usda.gov](mailto:tom.sauer@ars.usda.gov))

Board Representative – Harold van Es ([hmv1@cornell.edu](mailto:hmv1@cornell.edu))

## Awards

### *Young Scholar Award*

This award recognizes young scientists who have made outstanding contributions to soil and water management and conservation within seven years of completing their Ph.D.

Note: Title through narrative must not exceed three (3) pages

Title: Nomination of (enter name of nominee) for the Young Scholar Award

Year of award: 2013

Nominee: Include name, date of birth, mailing address (with zip code), telephone number (with area code), and email address

Nominator: Include name, mailing address (with zip code), telephone number (with area code), and email address

Documentation of nominee:

- List degrees received, field of study, date, and institution for each degree
- Professional positions held, including name of position or office, years, organizations, and locations

Qualifications of nominee (any combination of the following):

1. Teaching contributions (% time) – (a) Courses taught, (b) Advising (Undergraduate students, Graduate students), (c) Evaluation of teaching effectiveness, (d) Other related teaching activities (document with number of courses taught, number of students taught and advised, and summary of student and peer evaluations), (e) Awards or recognition received, (f) Teaching grants: proposals written and funding received
2. Extension and service contribution (% time) – (a) Listing and evaluation of extension activities, (b) Listing and evaluation of service activities, (c) Awards or recognition received, (d) Extension/outreach grants: proposals written and funding received
3. Research contributions (% time) – (a) Listing and evaluation of basic and/or applied research activities, (b) Other related research activities, (c) Awards or recognition received, (d) Research grants: proposals written and funding received
4. Contributions to public and professional organizations (% time) – (a) Include memberships, positions and accomplishments in professional societies, universities, government agencies, and others (document service to SSSA, particularly to the Soil and Water Management and Conservation Division, Soil and Water Conservation Society, and other public and professional organizations with soil and water management conservation as its core mission), (b) Awards or recognition received
5. Professional publications – Report the total number (not the titles) of professional publications in each of the following categories: (a) books written; (b) books or other publications edited; (c) chapters of books written; (d) technical papers, refereed; (e) technical papers, non-refereed; (f) nontechnical papers; (g) patents; (h) invited lectures, seminars, or symposia presentations; (i) other related oral, written, visual presentations, or products. In addition, list only the five (5) most significant publications, patents, and presentations or products in literature citation form and provide copies of the two most significant publications.

Nomination narrative: Use this section to support this nomination in any way you deem appropriate

Supporting letters: Provide two (2) supporting letters, addressed to the Young Scholar Award Committee Chair, not to exceed one page each. One copy of each letter must be attached by the nominator to the nomination.

Submission: Send nomination materials to Jeff Strock by **16 August 2013**

Dr. Jeff Strock, University of Minnesota, Southwest Research & Outreach Center, 23669 130<sup>th</sup> St., Lamberton, MN 56152, Email: [jstrock@umn.edu](mailto:jstrock@umn.edu), Tel: 507-752-5064, Fax: 507-752-5097