The Western Society of Soil Science (WSSS) held their 2007 Annual Meeting in conjunction with the American Association for the Advancement of Science, Pacific Division (AAASPD) and the American Chemical Society, Pacific Division. The WSSS met from June 17-20.

The theme of the meeting was "Science for a Green Future." The meeting was held at the Boise Center on the Grove with some activities taking place on the campus of Boise State University. Membership in AAAS or its affiliated societies was not required to participate in the meeting.

Anyone paying the registration fee was able to attend all scientific sessions as well as participate in many other activities (field trips require advance registration and payment of additional fees).

Agenda

Sunday, June 17

Registration 2:00 p.m. – 6:00 p.m., coat room, Boise Center on the Grove.

Meeting Welcome, 6:00 p.m. in the Golden Eagle Room, Boise Center on the Grove. Dr. Katie Hunt (President, American Chemical Society)

Evening Program, 7:15 p.m. in the Summit Room, Boise Center on the Grove. Mr. Jon Christensen (Stanford University)

Welcome Wagon reception follows the evening program.

Monday, June 18

Registration 7:30 a.m. - 5:00 p.m., coat room, Boise Center on the Grove.

8:10 am – 12:00 pm Soilscapes of the Western US: Perspectives on Change (Western Cooperative Soil Survey), Salmon River Room, Organizers: Jay S. Noller, Department of Crop and Soil Science, Oregon State University, Bob Graham, University of California, Riverside, Riverside, CA, Presider: Jay S. Noller

8:10 Introductory Remarks.

8:15 Benchmark Soilscapes to Predict Effects of Climatic Change in the Western USA. A. O’Geen

8:35 Soils of the Mazama Tephra-blanketed Landscapes in Oregon: A Benchmark Soilscapes for Global Change Research. J. S. Noller

8:55 Vegetation influences on Soil Organic Carbon Dynamics in an Arid, Hyperthermic Ecosystem. D. A. White and C. Rasmussen


9:35 Predictive Mapping and Landscape Analysis using Geographic Information Systems and Classification Trees. S. Slevin and J. S. Noller

9:55 Break

10:10 Soil Development in a Forested Debris Flow Chronosequence in Southern California. J. K. Turk and R. C. Graham

10:30 Data Mining and its Application to Soil-landscapes in the Great Basin. A. A. Elnaggar and J. S. Noller


11:10 Development of a Forensic GIS Database. P. R. Menchaca, R. C. Graham, and M. Stam

11:30 Linking Arid Land Surface Characteristics to Soil Hydrologic and Ecosystem Functions in Mojave Desert Landscapes. R. C. Graham

11:50 Concluding Remarks.

Noon Lunch on Your Own
Tuesday, June 19
Registration: 7:30 a.m. - 4:30 p.m., coat room, Boise Center on the Grove

Western Society of Soil Science Oral Presentations
8:00 Introductory Remarks
8:05 Bioassisted Remediation of Cadmium and Lead Contaminated Soil. S. Kuo and R. Bembenek
8:25 Total and bioavailable chromium along a toposequence in San Luis Obispo, CA. D. Guerena, C. Appel, C. Stubler, B. Harris, A. Ross, R. Tappero, and D. L. Sparks
8:45 Biogeochemistry of Surface and Subsurface Serpentine Soils on the Central Coast of California. M. H. Davis, C. P. Stuber, T. A. Ruehr, and C. S. Appel
9:05 An Ecosystem Approach for Restoring Severely Eroded Soils of Southern Guam. M. H. Golabi and S. A. El-Swaify
10:05 Break.
11:40 Concluding Remarks
Noon Lunch on Your Own

TBD WSSS Business Meeting
1:00 – 5:00 pm Free Time to Attend Other Sessions

Wednesday, June 20
Tour
9:00 Organized by Paul McDaniel (Soil Scientist, University of Idaho) and Kurt Othberg (Research Geologist, Idaho Geological Survey). This all-day field trip will feature some of the soils, geomorphology, and land use in the Boise area. We will look at soil formation on Boise River terraces, specifically the formation and expression of carbonate- and silica-cemented duripans. These indurated features are common on older terraces of the area and dramatically affect land use. Important geologic features will also be highlighted. Participants should be prepared for some light hiking.

Presentation Dates, Times and Rooms
The meeting rooms and presentation time schedule were published in the "AAAS Program with Abstracts" issue of the Proceedings (vol. 26, pt. 1), which was provided to meeting registrants at registration.
Graduate Student Awards
The AAAS, Pacific Division offered each affiliated society and section participating in the annual meeting an opportunity to recognize outstanding student participants through the presentation of student awards, which include certificates, cash prizes of $150 for first place and $75 for second place, and one year student memberships to AAAS. WSSS supplemented these awards for our own competition with 1st, 2nd and 3rd place amounts.

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