

Professional Soil Scientists Association of South Dakota
Annual Meeting
Friday, March 10, 2006
Room 300
Federal Building, Huron, South Dakota



8:30-8:50	Registration	
8:50-9:00	Welcome	Bruce Kunze
9:00-9:30	Sr, a Hidden Factor in Crop Growth	Alan Olness
9:30-10:00	HISQA in Iran	Tom E Schumacher
10:00-10:30	Redox Development in Soil Materials as Influenced by Time, Temperature and Carbon Level	Rebecca Blue
10:30-11:00	Soil Test Summaries for Lawns, Gardens and Manured Soils	Ron Gelderman
11:00-11:30	A Case Study – SSURGO in Defense of the City of Britton	Bob Nielsen
11:30-12:00	Photographic Evidence of Pre-historic and Historic Saturation on Selected Well Drained Soils	Bruce Kunze
12:00-1:00	Lunch	
1:00-1:30	The Good, the Bad, and the Ugly	Jim Millar
1:30-2:00	Future of Agriculture	Gary Lemme
2:00-2:20	Web Soil Survey Demo	Jerry Schaar
2:20-2:35	Using Internet Resources on a MLRA Update	Walt Schaefer
2:35-2:45	Break	
2:45-3:30	Business Meeting	

Poster presentations (to be viewed at your leisure)

Carrie Werkmeister – Passivated-Rock Stability Study

Carrie Werkmeister – Freeze-Thaw Impacts on Passivation Coating Durability

Rebecca Blue – Redox Development in Soil Material as Influenced by Time, Temperature, and Carbon Level

Diane Walter – Evaluating the Preponderance Test with South Dakota Soils

TOPICS for the Business Meeting:

Old Business

- Committee Reports
- Report on the PSSASD website
- Report on Regional Soil Judging Contest – Black Hills
- Smithsonian Soils Exhibit
 - o Report on fund raising to date
 - o Matching funds from PSSASD
 - o Any additional fund raising activities.
- Other Old Business
- Election of Officers
- Appreciation Award
- Roger Assmus assumes Presidency for 2006-7

New Business

- Possibility of moving the Bank accounts to a bank with State-wide branches
- Possible Joint Meeting with SWCS and SRM on Oct 5-6 at Aberdeen
- Friends of the Pleistocene Meeting at Bismark on June 3-4, 2006
- Discussion on what should and should not be on the PSSASD website
- Other New Business
- Adjourn

Nomination Committee Report for 2006-2007:

President-Elect: Anthony Bly
Vice President: Ron Gelderman
Sec-Treas: Dan Brady

Walt

COMMITTEE ASSIGNMENTS

First person listed under each committee is chair.

Membership

Tom M. Schumacher
Jerome Schaar
Jim Gerwing
Steve Winter
Robert Neilson

Constitution – By laws

Wayne Bachman
Everett White
Kent Cooley
Kim Kempton
Jim Stukel

Ethics

Jim Doolittle
Ken Heil
Ed Ensz
Lawrence Fine
Dan Brady

Nominations

Walt Schaefer
Dan Shurtliff
Jim Westerman

Public Relations – Education

Tom E. Schumacher
Anthony Bly
Cindy Steele
Ron Gelderman
Doug Malo

Executive Board

Walt Schaefer – Past President
Bruce Kunze - President
Roger Assmus – President Elect
Denise Miller – Vice President
Eugene Preston – Secretary-Treasurer

Finance

Jim Millar
Arvid Meland
Greg Carlson
Lance Howe

Smithsonian Exhibit Fund Raising

We have done very well over the past year raising donations for the Smithsonian exhibit. I have sent in \$1,000 for the SD chapter of the Soil and Water Conservation Society, and \$1,025 for the South Dakota Conservation Districts. There is an additional \$180 of member and other to send in. I planed to send in \$360 this week. That would take care of our intent to match on everything except the other two donations this year. The total of donations through PSSASD so far is \$4,525 that has been sent in.

Eugene

PSSASD PRESIDENT'S PARTICLES

Denise has put together an interesting program. Thanks to all who have volunteered as a speaker or will be presenting a poster. Thanks to Anthony, Ron, and Dan for volunteering to be officers next year. Thanks to all that helped with the Summer Meeting in the Black Hills. Thanks to Eugene Preston for his 8 years of service as Secretary/Treasurer. This last year has been extra work with the donations for the Smithsonian State Soil Exhibit fund raising. **If anyone would like to donate or increase their donation for the Smithsonian Display, please talk to Eugene or me at or before the meeting.**

Hope to see you in Huron on March 10. If you can not attend, the dues form is near the end of the newsletter.

Bruce

EDITORS ALLUVIUM

Thank you to everyone who sent in information for the newsletter. If you have never gone to a Friends of Pleistocene tour, you will enjoy the tour near Bismark. They will look at sites along the route that Lewis and Clark took

See you at Huron!!

Bruce – Newsletter Editor

Membership Dues Notice

If you have not paid your PSSASD membership dues (this is separate from Certification dues) and do not plan to attend the March meeting, please mail your \$15.00 dues.

Send payment to: Eugene Preston, Secretary-Treasurer, PSSASD
904 East Fir Street.
Brandon, SD 57005

Name _____
Address _____ Zip _____
Home Phone _____ Work Phone _____
Email address _____
Payment Enclosed _____

Minutes of the March 11, 2005 Annual PSSASD meeting

President Walt Schaefer called the meeting to order on March 11, 2005 at Huron, South Dakota with 21 members present.

Eugene Preston read the treasurers report. Motion by Tom Schumacher, second by Tom Schumacher to approve the minutes of the March 12, 2004 annual meeting as written in the newsletter and the treasurer's report as read. Motion carried.

Walt Schaefer presented a plaque to Dan Shurtliff as thanks for serving as our 2003 to 2004 president.

Dan Shurtliff reported he did not make much progress on the Smithsonian Exhibit this year. Bruce Kunze reported on what he learned at the SSA meeting he attended. The Soil Monoliths will be in the Smithsonian exhibit. The Missouri State Soil is already on exhibition. Missouri was the first State to reach the \$10,000 goal. Funds are still needed to complete the exhibit.

There was some discussion about the need to contact other organizations, possibly using the short slide show available at www.soils.org, and the possibility of forming a committee.

Dan Shurtliff motioned that we form a committee to pursue Smithsonian donations. Kent Cooley seconded the motion. Kent Cooley, Bruce Kunze, Dan Shurtliff and Denise Miller volunteered to be on the committee. Jim Millar is nominated to be on the committee. Motion passed

Doug Malo reported help would be needed for the 2005 Regional Soil Judging Contest. Eight to ten pit monitors/guides and about \$400 for awards and the picnic are needed. Teams will meet at Kadoka September 24, tour the Badlands September 25, and visit practice sites on Monday, Tuesday, and Wednesday. The contest will be on Thursday. They will receive awards on Friday and return home.

Bruce Kunze motioned that we support the Regional Soil Judging Contest up to \$500 and have something (soil cards etc) promoting the Smithsonian Monolith Exhibit at the picnic. Jim Gerwing seconded. Motion passed.

Walt Schaefer gave a Landjudging power point CD to Doug Malo and a paper copy to the rest of us.

Jerry Schaar said the plan is to have training workshop and clean up the pits during the week of September 12 to 16.

Nominations:

Kent Cooley nominated Denise Miller for Vice President, Dan Shurtliff seconded. Motion Passed. Eugene Preston will continue as Secretary –Treasurer.

Doug Malo motioned for a procedure for the executive committee to nominate a president-elect and send a ballot so the members could vote. The motion was not seconded and was withdrawn.

Gregg Carlson motioned that the Executive Committee will appoint an acceptable candidate for President Elect. Kent Cooley seconded. Motion passed.

NEW BUSINESS

Bruce Kunze assumed the duties of President for 2005 and presented a plaque to Walt Schaefer. Thank you Walt.

Jerry Schaar presented Eugene Preston with the Golden Spade Award for attending the Soil Science Institute last year.

Tom Schumacher reported the PSSASD website (www.pssasd.org) has been updated for the next 5 years for \$21 per year. He reported the details of hits on our website. Since the 2004 meeting there have been 1770 hits.

Greg Carlson motioned that we give permission for the Agronomy Club at SDSU to use the micro monolith materials to make and sell micromonoliths. Seconded by Arvid Meland. Motion Passed.

There was some discussion about a Summer or Fall meeting. We will probably have one in conjunction with Soil Judging activities.

Motion by Doug Malo, seconded by Tom Schumacher (NRCS) to adjourn. Motion passed.

Submitted by Eugene Preston



NEWS

PHOTO: jpg : Team Picture: 2005-06 SDSU Soil Judging Team – Front Row, left to right, Grant Rix, Wade DeGroot, Kevin Schmidt, Carrie Werkmeister and Andrea Hannan. Back Row, left to right, Shari Rockvam, Jennifer Lund, Michael Singlestad and co-coach Rebecca Blue.

10/11/2005

SDSU Soil Judging Team takes top honors at Soil Judging Contest

The South Dakota State University Soil Judging Team participated in the Region 5 Collegiate Soil Judging Contest Sept. 24-30. The contest, held in Sturgis, was hosted by SDSU and the Natural Resources Conservation Service of South Dakota.

Region 5 includes the states of Minnesota, Iowa, Missouri, Kansas, Nebraska, South Dakota and North Dakota. The SDSU team is coached by Rebecca Blue, a graduate student, and James Doolittle and Doug Malo, both professors in the Plant Science Department.

Soil judging involves the description, classification and potential land use of soils.

Individually, Shari Rockvam placed first with 550 points out of 734, Wade DeGroot came in second with 536 points, Andrea Hannan placed 10th with 504 points, and Jennifer Lund was 20th with 488 points. There were 46 students who competed in the contest.

In the group portion of the competition, Kansas State University placed first with 839 points out of a possible 1,023, University of Nebraska - Lincoln was second with 829 points, and Missouri State University was third with 822 points. SDSU placed fifth in the group contest with 818 points.

In the overall standings, which combines the individual and group scores, SDSU placed first with 2,408 points out of 3,125, KSU was second with 2,358 points, and University of Missouri-Columbia was third with 2,344 points.

SDSU now moves on to the National Collegiate Soil Judging Contest held at Cal Poly University in San Luis Obispo, Calif., in March 2006.

Members of SDSU's Soil Judging Team are: (Note: This list is compiled in alphabetical order according to the towns in which the students are from.)

South Dakota:

Carrie Werkmeister, of Armour
Grant Rix, of Groton

Iowa:

Wade DeGroot, of Doon
Kevin Schmidt, of Ocheyedan

Minnesota:

Shari Rockvam, of Redwood Falls
Jennifer Lund, of Walnut Grove
Michael Singlestad, of Waseca
Andrea Hannan, of Westbrook