

**SOIL AND WATER CONSERVATION SOCIETY**  
 North Dakota and South Dakota Chapters  
**PROFESSIONAL SOIL CLASSIFIERS ASSOCIATION OF NORTH DAKOTA**  
 Annual Technical Meeting  
 Kelly Inn, Bismarck, North Dakota  
 October 11-12, 2012

**REGISTRATION FORM**

Name:
Mailing Address:
City/State/Zip:
Telephone/Cell Number: (     )
Email address:

**Pre-registration (through October 1):**

(Envelope must be postmarked October 1 or paid online by midnight October 1)

TYPE	PRICE	NUMBER	TOTAL
Member:	\$40		\$
Non-member:	\$50		\$
Extra Banquet Ticket:	\$20		\$
Total:			\$

**Registration (on October 2):**

TYPE	PRICE	NUMBER	TOTAL
Member:	\$50		\$
Non-member:	\$60		\$
Extra Banquet Ticket:	\$20		\$
Total:			\$

**(No registration refunds after October 5.)**

Register and pay online at: [www.ndswcs.org](http://www.ndswcs.org)

**Or**

Send this form and payment to: Penny Galinat  
 SWCS Registration  
 1114 N. Hwy. 14 #3  
 Pierre, SD 57501

**Please indicate any special dietary needs:** \_\_\_\_\_  
 \_\_\_\_\_

**I plan to attend Friday's activities:** Yes (    ); No (    )

**A block of rooms has been reserved at the following motels under "SWCS":**

- (1) Kelly Inn, 1800 N. 12<sup>th</sup> St. (866) 430-2692 or (701) 223-8001 or ([kellyinnbismarck.com](http://kellyinnbismarck.com)). \$89.99 through September 18.
- (2) Best Western Doublewood Inn, 1400 E. Interchange Ave. (800) 554-7077 or (701) 258-7000 or ([doublewoodinn.com](http://doublewoodinn.com)). \$97.99 through October 5.

Questions? Email [plgalinat@yahoo.com](mailto:plgalinat@yahoo.com) or call (605) 224-9586.

# ***"Precision Agriculture: Information and Technologies for Soil and Crop Management"***

**Thursday, October 11<sup>th</sup> & Friday, October 12<sup>th</sup>, 2012**

**Kelly Inn, Bismarck, ND**  
1800 North 12th Street

**North Dakota and South Dakota  
Soil & Water Conservation Society**

**Professional Soil Classifiers  
Association of North Dakota**

## **2012 Annual Meeting**

### **Thursday- October 11<sup>th</sup>:**

- 7:30 am – 8:30 am      Registration/Drop off Silent Auction Items
- 8:30 am – 8:45 am      Welcome/Introductions, Chapter Presidents
- 8:45 am – 9:30 am      **Dr. Rebecca Phillips**, USDA-Agricultural Research Service-Northern Great Plains Research Laboratory, Mandan, ND - *"Precision Agriculture: From Research to Application"*
- 9:30 am – 10:30 am     **John Nowatzki**, North Dakota State University Extension Service- *"Precision Agriculture Technology and How to use it"*
- 10:30 am – 10:45 am**   **BREAK/Silent Auction Begins (Sponsor: Farmers Union Insurance- Agent: Tatem Brandt, LaMoure ND)**
- 10:45 am – 11:30 am    **Brian Johnston**, North Dakota Natural Resources Conservation Service State - *"LIDAR and 3-D Mapping"*
- 11:30 am – 12:30 pm**   **LUNCH ON YOUR OWN**
- 12:30 pm – 1:15 pm     **Dr. David Clay**, South Dakota State University Extension, Brookings, SD – *"Soils & Precision Agriculture"*
- 1:15 pm – 2:00 pm      **Kurt Reitsma**, South Dakota State University Extension, Sioux Falls, SD
- 2:00 pm – 3:00 pm      **Ted Alme**, North Dakota Natural Resources Conservation Service - *"Nutrient Management and Precision Agriculture"*
- 3:00 pm – 3:15 pm**      **BREAK (Sponsor: Western Plains Consulting, Inc.)**
- 3:15 pm – 3:45 pm      **Wade Bott**, North Dakota Natural Resources Conservation Service - *"Using the Soil Survey: Agronomic Interpretations"*
- 3:45 pm - 4:30 pm      **Dr. Jonathan Aguilar**, USDA- Agricultural Research Service-Northern Great Plains Research Laboratory, Mandan, ND - *"Remotely measuring crop residue: A tool to account for this input"*

**4:45 pm - 5:45 pm ND & SD SWCS Business Meetings**

**6:00 pm – 7:00 pm SOCIAL**

**7:00 pm – 8:30 pm AWARDS BANQUET**

**7:30 pm Silent Auction Ends**

**Friday- October 12<sup>th</sup>:**

**6:30 am -7:45 am PSCAND Breakfast Business meeting**

**8:00 am- 12:00 pm SOILS Training**

- Plant Material Center (PMC), Bismarck, ND
  - National Cover Crop Study Project Discussion
  - Soil Pit and Simple Soil Field Assessment Tools– Examination of soil physical, chemical, and biological properties

**BREAK (Sponsor: PSCAND)**

- Menoken Soil Quality Demonstration Farm, Menoken ND
  - Soil Quality Demonstration & Discussion – Cover Crops, Compost, Compost Tea, Soil Dynamic Properties
  - Hands-on Hydric Soil Indicators Training Primer

### Precision Agriculture is Annual Meeting Focus

“Precision Agriculture: Information and Technologies for Soil and Crop Management” is the emphasis of the technical portion of the joint Annual Meetings of the North Dakota and South Dakota Chapters of the Soil and Water Conservation Society and the Professional Soil Classifiers Association of North Dakota, which will be held Thursday, October 11, at the Kelly Inn in Bismarck, North Dakota, and Friday, October 12, at the USDA Plant Materials Center and the Soil Quality Demonstration Farm at Menoken, North Dakota. SWCS business meetings will be from 4:45 to 5:45 p.m. October 11; the PSCAND business meeting will be from 6:30 to 7:45 a.m. October 12. An awards banquet will be held at 7 p.m. October 11 followed by the conclusion of the silent auction, which raises funds for the chapters’ scholarship and educational activities.

Speakers from the USDA’s Agricultural Research Service and Natural Resources Conservation Service and the North Dakota and South Dakota Extension Service will offer information on precision agriculture research and application; technology for precision agriculture and how to use it; LIDAR and 3-D mapping; remotely measuring crop residue and a tool to account for this input; as well as soils, nutrients, and agronomic interpretations related to precision agriculture. Registration begins at 7:30 a.m.; speakers start at 8:45 a.m. and end by 4:30 p.m. on October 11. USDA Plant Materials Center employees will discuss the National Cover Crop Study at 8 a.m. October 12. Soil scientists will examine the physical, chemical, and biological properties of soil using a soil pit and simple soil field assessment tools. The group will then travel to the Soil Quality Demonstration Farm at Menoken, North Dakota, to see a demonstration and discuss cover crops, compost, compost tea, and soil dynamic properties. There will also be a hands-on hydric soil indicators training primer at the site.

Member registration is \$40, non-member \$50, through October 1. After that date, registration is \$50 for members and \$60 for non-members. Register and pay online at [ndswcs.org](http://ndswcs.org) or by calling Penny Galinat at (605) 224-9586. Break sponsors are Farmers Union Insurance, Tatem Brandt, Agent, LaMoure, North Dakota; and Western Plains Consulting, Inc., Bismarck, North Dakota.