



# Illinois Soil Classifiers Association Newsletter

Winter 2006

## Upcoming Events

- Annual Meeting  
March 18th, 2006  
Details Inside

## Inside this issue:

**Late Dues** 2

**Notification**

Treasurer's Report 2  
for 2005

**Annual Meeting** 3  
**Information and**  
**Registration**

**Election** 4  
**Candidates and**  
**Ballot**

Proposed 6  
Revisions to  
Certification  
Standards

CEU Submissions 9

"Dirt, Dust and 10  
Mud"

Honary 11  
Membership  
Nominee

Announcements 12  
and Trading Post

Dec. 16 Board 13  
Meeting Minutes

State Septic Code 15  
Revisions

**Map to Homer** 17  
**Lake**

Smithsonian Soils 18  
Exhibit

## Message from the President

If postage is any indication of a newsletter's importance I would say this is the one you should read. To start with, the Nominations Committee has selected a highly qualified and dedicated group of candidates for election at the Annual Meeting. You can vote for them by mail or bring the ballot to the Annual Meeting (I expect the full membership will attend). Also, make sure you advance register for the Annual Meeting; this helps us determine the number of dinners we need to order. Another important item is the proposed revisions to the Certification Standards. The 500 hour requirement has been removed along with other changes that you need to review prior to your vote.

Leon Follmer has been nominated to be an honorary member. Leon recently retired from the Illinois State Geological Survey and is a charter member of ISCA. Leon has been a mentor to numerous soil scientists over the years, myself included. I encourage you to read his biography in this newsletter. The membership will vote on his nomination at the Annual Meeting.

In closing, it has been an honor to serve as President this year. The ISCA Council has been a highly dedicated and involved group and has offered some great programs for both the membership and the public. I look forward to seeing you at the Annual Meeting in March.

Sincerely,

Bruce Putman  
815-338-6218  
putman@mc.net

## Illinois State Soil T-Shirts Still Available

Drummer T-Shirts are still available. Some size and color combinations are becoming limited in number. Be sure and order before your size and color are gone.

**Short Sleeve -- \$12**

**Long Sleeve -- \$14**

**Shipping and**

**Handling \$5 per order**

Order by calling Chris Cochran (217) 345-6767

E-mail : [chris\\_cochran@prodigy.net](mailto:chris_cochran@prodigy.net)

Two navy blue ISCA  
collared shirts still  
available. XL and  
XXXL \$17



**Did you mail in your 2006 dues?**

If not, you still have time to avoid being delinquent. See below for fee based on your member status.

Mail your payment to: Chris Cochran, Secretary  
 Illinois Soil Classifiers Association  
 1515 Casselbury Lane  
 Champaign, IL 61822

**2006 dues are as follows:**

Full and Associate ----- \$ 25.00  
 Student, Affiliate, Retired, & Out of State ----- \$ 5.00  
 Honorary Full ----- \$ 0.00

Please include: First Name:  
 Middle Initial:  
 Last Name:  
 Street Address:  
 City:  
 State:  
 ZIP:  
 \*Home Phone:  
 Office Phone:  
 \*Cell Phone:  
 \*Fax:  
 Email:

\*optional

**Treasurer's Report for Jan. 1, 2005 - December 31, 2005**

Balance in Account - 01/01/05 \$ 16,309.05

**Income:**

Annual Meeting	825.00
Dues	3540.00
Certification	25.00
Interest	69.22
Shirts	158.00
Caps	19.00
Fall Meeting	18.00
Hydruc Soils Workshop	4276.00
State Soil Shirts	1125.00
	-----
	\$10,055.22

**Expenses:**

Administration	542.70
Annual Meeting	997.34
Fall Meeting	284.66
Soil Survey Horizons	1381.00
Smithsonian	3477.63
Hyric Soils Workshop	636.73
State Soil Shirts	2555.52
Internet	99.95
Awards	650.00
	-----
	\$10,625.53

Ending Bank Balance - 12/31/05 \$ 15,738.74

Submitted by:  
 Charles J. Frazee, CPSC  
 Treasurer

### ISCA 2006 Annual Meeting

Saturday, March 18<sup>th</sup>, 2006  
Homer, IL

**Where:** Outdoor Recreation Center at the Homer Lake Forest Preserve

**Registration and social hour:** 11:00 am to 12:00 pm

**Lunch:** 12:00 pm

**Guest Speaker:** 1:00 pm

**Business Meeting:** follows guest speaker

Come join us for a day of camaraderie and a chance to socialize with others in our unique profession. This year's annual meeting will be held at the Outdoor Recreation Center located in the Homer Lake Forest Preserve. The Center overlooks beautiful Homer Lake. It has an abundant amount of wildlife and the park offers a variety of trails to stretch your legs on.

This year's presentation will be by staff from the Field Museum located in Chicago. Museum staff will be discussing the Underground Adventure exhibit. They will also be bringing the Soil Adventure Mobile to show off some of their educational tools. The Soil Adventure Mobile will be on display from 11:00 to 12:00 during registration and social hour. Be sure to come early to get an up close look at this unique soils classroom on wheels.

This year's caterer will be Homer's own Warter's Catering. The menu will be Chicken Breast in Gravy, Ham, Seasoned Green Beans, Assorted Salads, Bread and Butter, Cake, with coffee, iced tea, and water to drink. Cost for the meal is \$15. **Deadline for meal reservation is Friday, March 3.** Those who come to the meeting but have not pre-registered for a meal will be charged \$18 at the door. **It is very important to pre-register in order for us to have an accurate head count for the caterer. ALL PAYMENTS MUST BE MADE BY CHECK.** Make checks payable to the ISCA. Please send reservation and payment to the following:

Troy Fehrenbacher  
683 Castle Drive  
Charleston, IL 61920

(217) 345-6767  
troy.fehrenbacher@il.usda.gov

**Driving Directions:** Homer Lake Forest Preserve is 15 miles southeast of Champaign-Urbana. From I-74, take the Ogden exit #197 south on Route 49 about 2 miles to County Road 1350, west on County Road 1350 about 1.5 miles and south on South Homer Lake Road to preserve entrance. A map of the park is attached on page 17 of the newsletter.

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### ISCA 2006 Annual Meeting Reservation

**NAME** \_\_\_\_\_

**NUMBER ATTENDING** \_\_\_\_\_ (**\$15/person**)

**TOTAL PAYMENT** \_\_\_\_\_

**Fill out the above information and send to the following address:**

**Troy Fehrenbacher  
683 Castle Drive  
Charleston, IL 61920**

## **A Review of How ISCA is Governed – Nominations for 2006**

by Mark Bramstedt, Past-President

It is always an interesting challenge to contact people to run for office. One hears a lot of fast talking and hem and hawing when asking if a member would run. Fortunately, six willing and well-qualified individuals have agreed to submit their name for office for 2006. This year, three positions will become vacant and need to be filled – President-Elect, Vice President, and Secretary. All the candidates are outstanding and it will be a difficult for me to make a decision for the 2006 election.

The founders of ISCA developed an excellent procedure for how the Association is governed. ISCA is governed by an Executive Council which is elected by the membership (Associate Members, Full Members, and Honorary Full Members) of the Association. The Executive Council consists of six members – President, Vice President, Secretary, Treasurer, President-Elect and Past-President. All officers must be a Full Member or Honorary Full Member in good standing. Officers are not required to be certified. The Executive Council often invites the committee chairs, including the Certification Board, to their meetings, however, only the elected Council members may vote on any action taken by the Council.

The President-Elect is actually a three year commitment. The first year, the President-Elect has few duties, is able to observe the Executive Council in action and can watch how the Association is run. He/She also serves as a member of the Ethics, Certification and Membership Committee. In the second year, at the end of the Annual Meeting, the President-Elect automatically becomes the President and takes over as the chief executive of the Association. For the third year, the person serves as the Past-President. Although the Past-President is a member of the Executive Council, he/she is no longer considered an officer. In addition to serving as chair of the Nominations Committee, the Past-President offers advice and guidance to the President and is able to share a historical perspective to the Executive Council.

The Vice President fills a one-year term. The VP takes on the duties as chief executive of the Council if the President is unavailable. The VP is also the chair of the Finance Committee, is responsible for the budget of the Association and certifies that the finances of the Association are in order.

The Secretary is elected to a three-year term. The duties of the Secretary are to maintain the records (member lists, minutes, etc.) and to be the chief correspondent for the Association.

The Treasurer is also elected for a three-year term, but it is staggered from the Secretary's term so that both positions are not vacated in the same year. The Treasurer is responsible for the Association's money and for keeping the financial records.

The Nominations Committee must consist of at least three Full Members or Honorary Full Members, none of whom can be nominated for office. The Chair of the committee is the immediate Past-President of ISCA. The committee is required to select a minimum of two qualified candidates to run for each office. A space for a write-in candidate must also be included in the ballot. The slate of candidates must be approved by the Executive Council before the nominations can be accepted for election.

### **2006 Nominations Committee Members**

Mark Bramstedt, Past-President and Chair

Wiley Scott

Bill Teater

## **2006 Candidate Biographies**

### **President Elect**

#### **Ken Gotsch**

Ken received his B.S. degree in Plant/Soil Industries from Southern Illinois University, Carbondale in 1971. He started as a county soil scientist on the Sangamon County soil survey in 1973. Ken was a member of the Madison County Soil Survey Team, and was the survey leader for the Morgan & Scott counties, Shelby Co. and Moultrie Co. soil surveys. During his time with the Madison County Survey Team, he also conducted soil surveys for individual farm requests in several adjacent counties. He has been employed with SCS/NRCS since 1974 and is currently a Resource Soil Scientist located in Shelbyville. Ken is a CPSC and has served as the chair of the Ethics, Certification, and Membership committee for the past two years. He previously served as the ISCA Secretary in the early 1990s. Ken enjoys astronomy, amateur radio, and Big Mow lawnmowers in his leisure time.

#### **William "Matt" McCauley**

Matt graduated from the University of Kentucky with a B.S. in Agriculture. Matt began his career with SCS in 1988 in Washington County. He later worked at the MLRA office in Belleville for 4 years before becoming a zone soil scientist stationed in Benton. He has been an ISCA member since 1991. He has been a certified soil classifier since 1993. Matt has previously held the office of Vice-President and was the newsletter editor for 4 years. He is currently a Resource Soil Scientist for the NRCS in Marion.

**Vice President**

**Ken Anderson**

Ken is a CPSC and served as President of ISCA in 2000. He also previously held the office of Vice President and has been a member in ISCA since 1989. He received his B.S. degree in Watershed Management and Natural Resource Management from the University of Wisconsin - Stevens Point in 1986. He worked as a county soil scientist on the White County soil survey for a short period of time. He also worked as the Resource Conservationist for the Kane-DuPage SWCD. Ken currently is the Project Manager with the Kane County Division of Environmental Management. Recently, he coordinated an effort to identify the fens and their recharge areas within Kane County in order to develop policy to protect these special wetlands. Besides being blessed with his young family in Elburn, Illinois, Ken enjoys leading a bible study, playing golf, going fishing and appreciating God's creation.

**Dale Calsyn**

Dale received his B.S. degree in Agronomy from the University of Illinois in 1975. He began his career as a county soil scientist working on the Henry County Soil Survey in 1975 and became a soil scientist with the Soil Conservation Service in 1977. He served as the project leader for the Cass County Soil Survey, the Mason County Soil Survey, and the Fulton County FSA HEL mapping project. In 1990, he moved to NE Illinois to serve as the project leader for the McHenry County Soil Survey Update and is now the team leader for the NE Illinois MLRA update office in Aurora. He has been a member of the Illinois Soil Classifiers since 1977 and has previously served as Vice President.

**Secretary**

**Scott Wegman**

Scott has a B.S. in Soil Science from the University of Illinois and an M.S. in Geology from Northern Illinois University. After college, he worked for the Pike, Tazewell and Woodford County soil surveys. He went from the soil survey to the Lake County Health Department where he worked as a soil scientist in their on-site waste department. After that, he took the plunge into the private sector, working as a soil scientist for Environmental S/E, an ecological and environmental engineering firm in the Chicago suburbs. He currently works part time for Klingner & Associates, P.C. in Quincy as a GIS/Water Resources Specialist and is also self employed, doing on-site soil investigations for septic. Scott is a CPSC with ISCA and he served as Vice President in 2000. When he is not doing soil investigations, Scott tries to spend as much time as possible with his family, and acts as a lay minister in his church.

**Steve Elmer**

Steve received his B.S. degree from UW-Stevens Point in 1969. He came to Illinois in 1977 to serve as party leader for the Henry County soil survey. Before coming to Illinois he was a party leader in Connecticut and prior to that spent his first several years with SCS on three consecutive county soil survey staffs in his home state of Wisconsin. Steve was also the project leader for Mercer and Warren counties in Illinois. He currently is the MLRA Soil Survey Project Leader in Rock Falls and is managing the updating of soil surveys in 18 northwestern Illinois counties. Steve is a CPSC with both ISCA and ARCPACS and has been active in ISCA since he arrived in Illinois. He recently finished a 3-year term on the Certification Board. In his free time, Steve likes to go for walks with his wife Renee, read, and cut firewood.

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**2006 ISCA Ballot for Officers**

Voting privileges are for Full Members, Associate Members, and Honorary Members  
(Vote for one in each office by placing a check or an X next to the candidate's name or write in another name and check or X the space)

**President – Elect**

Ken Gotsch \_\_\_\_\_  
 Matt McCauley \_\_\_\_\_  
 \_\_\_\_\_  
 Write-in Candidate Name \_\_\_\_\_

**Secretary**

Steve Elmer \_\_\_\_\_  
 Scott Wegman \_\_\_\_\_  
 \_\_\_\_\_  
 Write-in Candidate Name \_\_\_\_\_

**Vice President**

Ken Anderson \_\_\_\_\_  
 Dale Calsyn \_\_\_\_\_  
 \_\_\_\_\_  
 Write-in Candidate Name \_\_\_\_\_

Return the ballot in a sealed envelope marked "Ballot" to Chris Cochran, ISCA Secretary before the start of the 2006 ISCA Annual Meeting. You may also mail the Ballot to Chris Cochran, 1515 Casselbury Lane, Champaign, IL 61822. Please mark "Ballot" on the outside of the envelope to ensure that the ballot remains sealed before it is counted at the Annual Meeting. In order to be counted, mailed ballots must be received before March 18, 2006.

## ISCA COUNCIL APPROVES REVISED CERTIFICATION STANDARDS.... TO BE VOTED ON AT ANNUAL MEETING

The early beginnings of the Illinois Soil Classifiers Association were conceived by Soil Scientists, working within the climate of the Soil Conservation Service during the mid to late 1970's. Under this climate, these Soil Scientists who were engaged in soil mapping activities desired a mechanism to validate their expertise, both within and outside of the Soil Conservation Service. This "validation of expertise" began with the birth of ISCA, and eventually included a certification program within ISCA. This organization with certification was a means to help insure the integrity, skills and knowledge of soil scientists. Certification standards were developed from this single perspective and climate, and have changed very little since that time. What has changed dramatically is the makeup of ISCA's membership. Not only does it include SCS /NRCS soil scientists as members, but also members outside NRCS who work in both private sector and other governmental agencies. During the early history of ISCA, certification was easily accessible to those who were already involved with soil classifying work. Today, these same standards for certification are not as easily accessible by members doing soil classifying work outside the arena of NRCS.

A subcommittee of the ISCA Ethics, Certification and Membership Committee met on July 14, 2005 to review and propose changes to the certification requirements. Their goal was to (1) maintain high quality control for our soil scientist profession through ISCA member certification and (2), make it more accessible for all members involved with soil classifying work.

Revisions by the committee focused on: (1) changing the length of time an applicant was required to spend with a CPSC from two years to one year, (2) elimination of the 500 hour requirement an applicant had to fulfill during the time spent under a CPSC and (3) eliminating the CED's required BEFORE an applicant achieved certification. Still required is the formal approval of an applicant for certification by the CPSC. The proposed, revised standards are reprinted here with all changes marked. They will be briefly reviewed during the business portion of the March, 2006 Annual Meeting prior to membership voting.

### SECTION 5.

#### STANDARDS AND REQUIREMENTS FOR CERTIFICATION

In order to be eligible for certification as a professional soil classifier in Illinois, applicants must (a) subscribe to the Code of Ethics of the Illinois Soil Classifiers Association, (b) be a Full Member or Honorary Full Member of the Illinois Soil Classifiers Association, (c) submit a written application to the Certification Board containing such information as required in Section 6, (d) have actively practiced soil classifying in a responsible position at least three (3) of the preceding four (4) years **with supervision under or collaboration with a Certified Professional Soil Classifier (CPSC) within the last year of the date of application;** or have more than six (6) years total soil classifying experience **with supervision under or in collaboration with a Certified Professional Soil Classifier within the last year of the date of application,** and (e) ~~have practiced soil classification for a minimum of two (2) years with supervision under a Certified Professional Soil Classifier (CPSC) or two years of collaboration with two or more Certified Professional Soil Classifiers (CPSCs),~~ (e) have successfully passed a written and/or oral examination designed to determine the proficiency and qualifications of the applicant to engage in the practice of soil classifying, ~~and, (g) a minimum of seven CEUs shall be required from categories A, B, or C during a four year period prior to application for certification.~~

Applicants shall have one (1) year from the date of application to take the examination. Applicants that do not take the examination within one (1) year must reapply following the procedures described in Section 6, and pay the application fee as described in Section 7.

All applicants shall receive ten (10) sample questions at least two weeks prior to examination. Written examinations shall be monitored by a Board member. A passing grade on an examination shall be a score of seventy (70) percent or higher. Applicants may be re-examined once within two years of first applying for certification without submitting an additional fee.

## SECTION 6.

**PROCEDURES FOR APPLICATION**

Applications for certification may be submitted at any time and shall be of a format prescribed and furnished by the Board. Such application shall contain ~~a signed statement showing~~ (1) **(a) a statement of the applicant's formal education,** (2) ~~a detailed summary of his or her work experience~~ **(b) a copy of all transcripts of formal academic studies,** (3) ~~a copy of all transcripts of formal academic studies;~~ **(c) a detailed summary of his or her work experience,** and (4) ~~such other information as the Board may require, including~~ **(d) the names and addresses of three (3) references who have personal knowledge of the applicant's classifying experience and shall state provide a written statement of the technical skill level of the applicant. At least one of the references shall be a supervisor or collaborator as specified in Section 5 (d), (e).** ~~(5) The applicant shall be required to document a minimum of 500 hours of supervision or collaboration in the practice of soil classification. A maximum of 300 hours of supervision or collaboration shall be allowed in any one calendar year. A maximum of five consecutive years shall be allowed to achieve the minimum of 500 total hours necessary for certification. The following items must be documented: 1.~~ **(e) a narrative summary of soil classifying experience showing the date(s), of training 2. Location(s) and of training 3. Type, dates, and amounts of experience, of training and hours received, i.e. soil mapping, soil descriptions, and hours, on-site investigations or other related work as defined under the practice of soil classifying, and 4. Name, address, and phone number of supervisor or collaborator providing training.** ~~(6) It shall be accompanied by~~ **(f) the proper fee as prescribed in Section 7.**

Any Professional Soil Classifier shall be listed as "delinquent" if fees remain unpaid after the due date of January 1 of the current year. His/her certificate shall expire if fees remain unpaid for sixty (60) days after the due date. A Professional Soil Classifier whose certificate has expired may have his or her certificate restored only by making application to the Board and upon payment of all lapsed renewal fees and payment of the required restoration fee provided that he or she has engaged in the practice of soil classifying three (3) of the preceding four (4) years, or have more than six (6) years of total soil classifying experience and have actively practiced soil classifying during the preceding year. If certification has lapsed for more than four (4) years, the applicant shall again be required to pass an examination as described in Section 5(f) **(e).**

**APPLICATION FOR CERTIFICATION OF PROFESSIONAL SOIL CLASSIFIERS BY THE  
ILLINOIS SOIL CLASSIFIERS ASSOCIATION**

**Education: STATEMENT OF FORMAL EDUCATION** [Sec. 6 (a)]: year degree conferred, name and location of institution

BS \_\_\_\_\_

MS \_\_\_\_\_

PhD \_\_\_\_\_

Other \_\_\_\_\_

Education beyond listed degrees \_\_\_\_\_

\_\_\_\_\_

**TRANSCRIPTS OF FORMAL ACADEMIC STUDY** [Sec. 6 (b)] ~~Transcript~~ Attached transcripts that lists soils courses, number of credits (differentiate semester and quarter credits), and grades earned.

~~Attach Illinois Soil Classifiers Association CPSC Professional Maintenance and Recertification Worksheet. Document a minimum of seven (7) Continuing Educational Units from categories A, B, or C during a four-year period prior to application.~~

**SUMMARY OF WORK EXPERIENCE** [Sec. 6 (c)] ~~Experience in the practice of soil classifying.~~ Describe your capacity and activities as defined in Section 2.05 of the Standards for Certification. (Attach additional sheets if necessary.)

### Deleted in total

#### ISCA – Application for Certification – Page 3

Documentation of 500 hours of supervision or collaboration in the practice of soil classification. Maximum of 300 hours in any one (1) calendar year. (Attach additional sheets if necessary.)

Dates:

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Locations:

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Hours: \_\_\_\_\_ Type of training:

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Name, address, and phone number of supervisor or collaborator providing training:

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Dates:

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Locations:

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Hours: \_\_\_\_\_ Type of training:

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Name, address, and phone number of supervisor or collaborator providing training:

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Dates:

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Locations:

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Hours: \_\_\_\_\_ Type of training:

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Name, address, and phone number of supervisor or collaborator providing training:

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### ISCA - Application for Certification - Page 4 Page 3

~~Other qualifications or experience in soil classification that you want considered:~~ **NARRATIVE SUMMARY OF SOIL CLASSIFYING EXPERIENCE [Sec. 6 (e)]. Attach narrative describing soil classifying experience.**

**REFERENCES [Sec. 6, (d)]:** List ~~Three~~ (3) individuals who will supply reference information on the applicant's current soil classifying abilities upon request (~~other than current members of the Certification Board~~). At least one of the references shall be a supervisor or collaborator as specified in Section 5(d). (~~e~~) of the Standards for Certification of Professional Soil Classifiers. **Check box when applicable**

I. Name: \_\_\_\_\_

Occupation: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Phone # \_\_\_\_\_ E-mail: (opt) \_\_\_\_\_ Supervisor/collaborator [  ]

#### Certification Comments

by Bill Kreznor, Secretary-Treasurer  
ISCA Certification Board

The end of the past year and beginning of the new year often presents challenges in terms of greater work loads and accurate record keeping. The Certification Board certainly is not immune from this condition.

Let me begin by thanking those CPSCs who submitted dues and certification renewals within days of receiving the renewal notice. Your promptness substantially reduces the work involved in updating records, preparing additional notifications, making follow-up phone calls, and sending emails. To those, like me, who tend toward procrastination... well, let me just say I urge you to read on.

Another "thank you" is in order for those who have been submitting their Continuing Educational Units (CEUs) in a regular and timely manner. As you know, the renewal period is 5 years. Due to a twist of fate, the renewal period for about 70% of the CPSCs ends in years ending in 0 or 5. Because many of you have been submitting CEUs annually or biennially, the Board was not swamped with CEU submissions at the end of 2005. I encourage all CPSCs to make the submission of CEUs an annual or biennial ritual.

Speaking of CEUs, the Board has noted a number of deficiencies, omissions, errors, etc. in CEU submissions. These items commonly include:

- failure to sign and/or date the CEU worksheet
- failure to tally the total number of CEUs within each category and overall
- improper categorization of a reported activity
- vague or missing descriptions of activities and locations

I would like to offer several suggestions toward eliminating a number of these problems.

- 1) Take a second look at the CEU Worksheet before sending it to the Board Secretary.
- 2) Take the time to add up your CEUs in each category and in total. Remember, you only need 9 CEUs per 5-year period, so you don't even have to take your shoes off.

- 3) When listing each activity, review the CEU Worksheet Guide and the examples of acceptable CEUs. To cite a few examples, workshops, ISCA Summer Field meetings, etc. typically are A3, not A2. Onsite investigations and technical soil mapping are A6 activities, but some of the reports you provide to clients or regulatory agencies may be submitted under B5. Is your appointment to a local board or advisory commission germane to professional soil classification (a C6 activity), or involve community scientific involvement (a D3 activity)? Is a particular meeting you reported attending local (C3), regional or state (C2), or national or international (C1)? Don't hesitate to contact the Board Secretary-Treasurer for guidance if there are questions about placing an activity in its proper category.
- 4) When reporting onsite investigations, mapping, wetland delineations under category A6, provide the approximate number of these items and their locations (county or municipality and state) for each 3-month period. For example, you might report "approximately 50 onsite investigations conducted in McHenry, Lake, and Kane counties, Illinois" in a given 3-month period.
- 5) Report all professional activities. Let the Board and the machinations of the database make the determination whether or not the maximum allowable CEUs for a given activity or category are exceeded. It doesn't hurt to be over the limit in the event a given submission is not approved. Also, if you have to submit CEUs or PDHs for other state licenses, and they allow carry-over of some of those submissions, your ISCA submissions can serve as an all-inclusive list to help you provide similar information for those other states.

Finally, be sure to verify the accuracy of the information in the database and on the ISCA website. The CPSC list is updated each year during February and March, and published in the newsletter typically each spring. It also appears on the ISCA website [www.illinoissoils.org](http://www.illinoissoils.org). Look these lists over carefully to make sure name, address, phone number, and email addresses are correct. Make sure the Board Secretary is aware of whether you are available to consult and what locations you are willing to service. Conversely, if you are not available to consult and do not want personal information to appear on the consultant's list, make that known to the Board Secretary as well.

The ISCA Certification Board is always ready to serve the Certified Professional Soil Classifiers of the ISCA.

### **"Dirt, Dust and Mud"**

Loyal Reinebach has written a book that explains the processes involved in producing the Adams County Soil Survey and how to utilize the information contained in the survey. Loyal says he wrote the book as a way to promote more interest in soil survey. Loyal worked for 22 years in Illinois as a soil scientist. The book talks about different soil types, soil classification, texture, structure and equipment. 15 pages of color photos appear in the book.

Copies of the soft cover book are available for \$25 by contacting Loyal at the information below.

Loyal Reinebach  
1022 S. 21<sup>st</sup> Street  
Quincy, IL 62301  
217-228-8758

Contact Loyal to be sure you do not miss out on owning this one of a kind book for your library.

### Nomination of LEON R. FOLLMER For Honorary ISCA Membership

It may have been a field review, or an ISCA meeting, or a Friend's of the Pleistocene field tour, or a soil-geomorphology study. If you have done soils work in Illinois for any amount of time, you probably spent a day or two in the field with Leon Follmer. His influence on the Illinois Soil Program can be seen from the Wisconsin Till Plain, over the loess covered Illinois Till Plain, to the Shawnee Hills.

Leon graduated from Forrest Strawn Wing High School in 1959. He received a B.S. in geography/geology from Western Illinois University. He went on to the University of Illinois and earned an M.S. in Pedology in 1967 and a Ph.D. in Pedology in 1970.

He began work with the Illinois State Geological Survey (ISGS) in February of 1970. After 35 years with the ISGS he retired from his position as a Senior Geologist in the Quaternary Geology Section.



Leon Follmer at the ISCA 2005 Fall Soils Tour.

During his tenure at ISGS Leon held appointments in the Geography and Agronomy Departments at the University of Illinois. He still holds the position of Adjunct Professor in the Department of Geology and is a member of the U of I Graduate Faculty. Over the years he has worked with about 30 students, usually in the capacity of research advisor of senior, M.S. and Ph.D. students.

His research interests included: surficial geology and paleopedology in the areas of paleosol morphology, loess-paleosol stratigraphy, and geologic mapping and soil chemistry for stratigraphic correlations and environmental assessments. Specific areas of interest are in high resolution studies of soil horizons and glacial stratigraphic units for distinguishing primary (original) and secondary (altered) states of the geologic materials. Leon coined the term "klumpen" to describe these profile microfeatures.

Leon is best known for his study of the Sangamon Geosol. Early in his career, Leon recognized the importance of this paleosol, not only as a stratigraphic marker, but also for its influence on modern soils as either buried or exhumed paleosols. Leon's work on the Sangamon Geosol has impacted the mapping of millions of acres in Illinois.

He is former Secretary of the Paleopedology Commission – International Union for Quaternary Research (INQUA), former Secretary of the Loess Commission – INQUA, former member of the US national committee for INQUA, Charter member of ISCA, longtime compiler, editor, and printer of the ISCA newsletter, former review editor for the Journal of Quaternary Science, and review editor for Catena – journal with focus on soil geomorphology.

Leon states that he has written about 70 scientific articles. Being the true scientist and totally honest, he stated that about 20 of them were good ones and about 50 of them were goofy ones.

Leon has had a tremendous impact on the soil survey program in Illinois and the Illinois Soil Classifiers Association.

To recognize his contributions we would like to nominate Leon for Honorary Membership in ISCA.

Please let us know if you have any questions.

Submitted by Sam Indorante, W. Matt McCauley and Bob Tegeler



## ANNOUNCEMENTS

**52<sup>nd</sup> Midwestern Friends of the Pleistocene Field Conference**

**Bismark, North Dakota**

**June 3<sup>rd</sup> & 4<sup>th</sup>, 2006**

**Themes:**     *Geological Observations of Lewis and Clark*  
                   *Glacial stratigraphy of ice-walled lake plains*  
                   *Structural interpretation of glaciotectonic ice-thrust features*

For more information, please visit the website or contact Lorraine Manz @  
 (701) 328-8000

<http://ndgeosociety.tripod.com/Pleistocene2006.pdf>

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**18<sup>th</sup> World Congress of Soil Science (WCSS)**

**Philadelphia, Pennsylvania**

**July 9<sup>th</sup> thru 15<sup>th</sup>, 2006**

**Theme:**     *Frontiers of Soil Science: Technology and the Information Age*

**A link to the Congress website is available at the ISCA website**

**<http://www.illinoissoils.org/announce.htm>**

## TRADING POST

This spot is reserved for members who would like to buy, sell, trade, or announce an item, event, or activity in our newsletter.

Please limit your classified ad to 25 words or less. Email your ad to the newsletter at [greg.clark@il.usda.gov](mailto:greg.clark@il.usda.gov)

- ISCA ball caps available for \$9 (includes S&H). Contact Chris Cochran at [chris\\_cochran@prodigy.net](mailto:chris_cochran@prodigy.net)
- "Dirt, Dust, and Mud", an explanation of the Adams County Soil Survey.  
   Soft cover books available from Loyal Reinebach (217-228-8758) for \$25 each

## ILLINOIS SOIL CLASSIFIERS ASSOCIATION

### MINUTES

#### ISCA COUNCIL MEETING

December 16, 2005

NRCS McLean County FO

Normal, Illinois

**Present:**

Bruce Putman, President  
 Mark Bramstedt, Past President  
 Bob Tegeler, Vice President  
 Chris Cochran, Secretary  
 Chuck Frazee, Treasurer  
 Troy Fehrenbacher, Program Chair  
 Greg Clark, Newsletter Chair  
 Ken Gotsch, Ethics, Certification, & Membership Chair  
 Doug Gaines, Public Relations and Education Chair

President Bruce Putman called the Council Meeting to order at 10:07 am.

**Approval of Minutes:** Motion by Bramstedt to approve the minutes for the October 7, 2005 Executive Council Meeting was seconded and approved.

**Reports:**

**Secretary**—Cochran--dues renewal notices for 2006 were sent out via the newsletter this year. It was mailed (snail mail) to all members as well as emailed to those members with email addresses on record. This will be the only notice sent out.  
**Treasurer**—Frazee--report below; does not reflect dues received for 2006; identified bank error was a Treasurer accounting error that was caught and corrected.

Treasurer's Report for August 23, 2005 – December 14, 2005

Beginning Bank Balance – August 23,2005 \*\*\$15,055.42\*\*

Income:

Dues	85.00
Interest	17.66
State Soil Shirts	57.00
Hydric Soils Course(Bank Error)	1.00
Hats	9.00
Fall Meeting	<u>18.00</u>
	\$187.66

Expenses:

Administration	339.92
Hydric Soils Course(Bank error)	272.00
Fall Meeting	284.66
Internet(Domain name)	<u>99.95</u>
	\$996.53

Ending Bank Balance – December 14, 2005 \*\*\$14,246.55\*\*

Motion by Cochran to approve the Treasurer's report was seconded and approved.

**Certification Board**—Kreznor--dues and certification renewal notices were mailed to 44 CPSCs in mid-November. To date, 18 have been returned and are being processed. Fees have been delivered to the ISCA Treasurer. The Board currently is reviewing CEU submittals sent by 5 CPSCs. More are expected because the CEU renewal period for about 30 CPSCs expires in 2005. The Board thanks those who have been submitting CEU worksheets on a regular basis. This has helped to even out the work load in 2005. The Board continues to conduct business primarily by email, regular mail, and telephone. Our next meeting will, in all likelihood, take place prior to the Annual Meeting in 2006.

**Standing Committee Reports:**

**Constitution, By-Laws and Legislative**—Hammit—No report

**Ethics, Certification and Membership**—Gotsch—eight individuals have applied for membership. Six have been approved by the committee. The committee recommends Gary Hankins, Yone Yu, Erik Gerhard, Edwin Winzeler, David Cochran, and David Zimmerman for membership. The remaining two individuals will be reviewed by the committee and presented to the Executive Council at the next meeting.

**Finance**—Tegeler—No report

**Newsletter**—Clark—No report

**Nominations**—Bramstedt—committee members include Scott and Teater. 2 candidates for Vice-President; 2 candidates for Secretary; 0 for President Elect. Bramstedt reiterated that it is important that all Full members need to support the organization by volunteering their time and skills by running for and holding elected office.

**Public Relations and Education**—Gaines—circulated the updated ISCA brochure. Doug requested comments and approval for printing costs. Putman recommended that “text” be adjusted so that it fits the brochure when folded. Bramstedt recommended that the web address be spelled out as [www.illinoissoils.org](http://www.illinoissoils.org). Bramstedt also recommended that a substitute picture for one panel be supplied. Cochran recommended that the ISCA logo be made larger to fill in the available space. He also recommended that the font used for the brochure be reviewed with the publisher to assure that it is the best for the brochure. The brochure is expected to be on glossy paper. Frazee recommended that the wording “private organizations” be changed to “private individuals”. Putman recommended that we look into the cost of printing 2000 brochures vs. 1000. A decision could be made at a later date.

Doug brought up the “Understanding Your Soil Report” brochure. The publisher and Doug felt it should be simplified for a brochure. Doug wanted guidance on who this was targeted for. Bramstedt said the client (public) was the target audience. Cochran thought that document was way too complicated for the public. He recommended a bulleted type of brochure, no more than one page in size. Cochran and Bramstedt both recommended that a prototype be reviewed by non-soil science people for readability. Graphics and photos could be better used to explain what is being described. Gaines recommended that the final product be made web based so printing costs are minimized. The council agreed.

#### **Ad-Hoc and Special Appointee Reports:**

**Program**—Fehrenbacher—Asked about the Fall Tour esp. feedback. Comments were very favorable.

**Historian**—Windhorn—No report

**State Advisory Commission on Private Sewage Disposal**—Bramstedt—stated that comments from our October meeting were incorporated into the draft table. The next meeting is in January.

**Smithsonian Project Coordinator**—Kreznor--As of 9 November 2005, \$6,892.63 has been raised. We are just over two-thirds of the way toward our goal of \$10,000.00. The website <http://www.soils.org/smithsonian/index.html> has been updated with a new look. ISCA member donors include Les Bushue, Chris Cochran, Jaimee Hammit, Don Johnson, Mike Konen, Bill Kreznor, Bob McLeese, Ken Olson, Bruce Putman, Todd Soukup, Mark Stelford, Earl Voss, and Roger Windhorn. ISCA and the Illinois Chapter of the Soil and Water Conservation Society have made generous corporate donations. The committee will be pursuing untapped corporate donations and making a final push among individual ISCA members during 2006. ISCA members who have suggestions of corporate donors (profit and non-profit) should contact State Liaison Mike Konen or Bill Kreznor. Members having contacts with such groups are encouraged to provide them with a brochure and pledge form (which the Committee can supply). Let Mike or Bill know the group name, address, and contact person and the Committee will make a formal, direct appeal to the group.

Putman suggested that ISCA make a donation towards the goal. Cochran pointed out that ISCA already contributed over \$3,475.00. Putman suggested that ISCA look into picking up any shortfall of donations if necessary.

**USCSSA Teleconference**—No report

#### **Old Business:**

**Honor and recognition for work on State Soil**—Robert McCleese—Tegeler—Bob and Jim looked into this and found that ISCA had already honored Bob for his work on the Illinois State Soils project.

**Certification Standards Work Group Report**—Gotsch—The changes made by the committee and recommended for certification were stated in his report. Comments to the changes were also included. Ken thanked the committee members: Heffner, Scott, Doll, Grantham, and Bramstedt. The Council made three changes to the Committee’s report which will be incorporated into the final Certification Standards proposal. Gotsch will present the updated document at the next Council Meeting on January 27, 2006. The proposal and subsequent comments will be published in the next ISCA Newsletter. A motion to approve the change in Certification Standards as amended was made by Bramstedt. It was seconded and approved. A vote on the proposal will be made by the membership at the annual meeting.

**2005 ISCA membership list**—Cochran—will be ready for inclusion in the newsletter.

**New Business:**

**Recognition for Leon Follmer Retirement**—Tegeler—Bramstedt suggested we recognize him in the newsletter. Sam Indorante will be asked to put together an article for the newsletter.

**Winter annual meeting location and arrangements**—Fehrenbacher—Need to decide on date. March 18, 2005 is the preferred date. Homer Lake seems like a likely site for the meeting. Troy will check out the facilities. The selected speaker will depend on availability. Speakers from the Field Museum in Chicago will be approached first.

**Late fees for late enrollment**—Cochran—late fees were proposed for late renewals. Discussion ensued. Problems exist for renewing Soil Survey Horizons. Motion was made by Bramstedt to withhold renewal of Soil Survey Horizons for late payment (after February 28).

**Dues increase for new members**—Cochran—an increase in fees for Soil Survey Horizons necessitates the increase in dues. The surplus in the ISCA treasury makes a dues increase unnecessary at this time.

**New members**—New members mentioned earlier were voted on and approved.

**Proxy voting for membership at annual meeting**—Cochran—Currently, members are only allowed to vote on issues affecting the organization if they attend the Annual Meeting. Cochran proposed that proxy voting be allowed for these issues by all Associate or Full members whether or not they are able to attend the Annual Meeting. Bramstedt pointed out that it would require a change in the Constitution. He also stated that it has not been a problem in the past. Cochran stated that one of the most important rights of being an Associate or Full Member is being able to vote. That right is denied if the member is unable to attend an Annual Meeting. A discussion ensued. Due to lack of support from the Executive Council for the proposal, Cochran withdrew the proposal.

Next meeting location and date: January 27, 2005, 10 am at the Bloomington FO in Normal, IL.

**Adjourn:** The meeting adjourned at 1:20pm

Respectfully submitted  
Chris Cochran, Secretary

**Footnotes:**

1. Contributors for the Illinois State Monolith at the Smithsonian Soils Exhibit include Mark Bramstedt, Lester Bushue, Christopher Cochran, Larry Gramm, Charles Frazee, Jaimee Hammit, Roger Higgs, Illinois Soil Classifiers Association, Wesley Jarrell, Donald Johnson, Michael Konen, William Kreznor, Darian E. Landolt, Barbara-Ann Lewis, Robert McLeese, Kenneth Olson, Bruce Putman, Todd Soukup, Mark W. Stelford, SWCS-Illinois, Marlowe Thorne, Guanglong Tian, Earl Voss, Roger Windhorn

**Advisory Commission on Private Sewage Disposal**

The Director of the Illinois Department of Public Health recently appointed Mark Bramstedt to a three year term to the State of Illinois Advisory Commission on Private Sewage Disposal. Mark is replacing Don Fehrenbacher who served on the Commission since its inception in 1998 as the representative for ISCA. The Commission was created by an amendment to the Private Sewage Disposal Licensing Act and signed into law by former Governor Edgar in 1997. ISCA is specifically listed in the Act as one of the members of the Commission. It consists of 17 members who collectively advise the Illinois Department of Public Health on matters associated with private sewage disposal. Their advice is not binding, however the Commission works in partnership with IDPH to review the Code and suggest alternatives. Don had established the presence of ISCA and was instrumental in promoting the need to use soil information and soil classifiers for siting septic systems in Illinois. Many thanks should go to Don for providing a great foundation for ISCA.

**Proposed Changes to the State Septic Code**

The Advisory Commission on Private Sewage Disposal recently approved changes to the State of Illinois Private Sewage Disposal Licensing Act and Code. Some key changes: 1) soil evaluations will be required to design the system size eliminating the need for perc tests. 2) mandatory separation distances will now be required 3) elimination of surface discharge (after 1/2007) and the need for soil information to design receiving trenches 4) adoption of the proposed ISCA Loading Rate Key. There are many other changes in the Code that are not listed here. Specific changes that may be of particular interest to ISCA members are listed in detail below and are in **bolded**. As of now, these are considered to be draft

changes. However, they appear to be accepted and most likely will become part of the Code. Contact Mark Bramstedt if you have questions about the draft changes or if you have suggestions for future changes.

#### Section 905.10 Definitions

Added Munsell notations (iron depletions with value of 4 or more, chroma of 2 or less) to the definition of mottles in “limiting layer” and “water table”. Corrected the definition of Soil Classifier to change from ARCPACS to SSSA. (ISCA soil classifiers are still listed first in the definition.)

#### 905.20 General Requirements

j) 5) **On or after January 1, 2007, every proposal for installation or replacement of a private sewage disposal system shall have the soils evaluated using Section 905.55 of this Code to determine the feasibility for the use of a subsurface seepage system. If the soils on the lot are identified within Design Groups II thru VIII as illustrated in Section 905.APPENDIX A, Illustration M, Exhibit A and there is sufficient area for a subsurface seepage system, excluding the area for the structure served by the private sewage disposal system and incorporating the required distances of Appendix A, Illustration D of this Code, then a subsurface seepage system shall be utilized. For Design Groups IX thru XII as illustrated in Section 905.APPENDIX A, Illustration M, Exhibit A, a subsurface system should be used when conditions on the site are feasible.**

#### Section 905.55 Subsurface Seepage System Design Requirements

When designing a subsurface seepage system the absorption capacity of the soil shall be determined by subsection (a) or (b) of this Section. **On or after January 1, 2007, when designing a subsurface seepage system the absorption capacity of the soil shall be determined by subsection (a) of this Section. After January 1, 2007, Section (b Percolation Tests) may only be used to determine the ability of soils to utilize a subsurface system, but shall not be used to determine the absorption capacity of the soil.**

a) Soil Investigation

3) If conflicting soils investigation information is provided about a given site, an NRCS soil scientist, **who is a Certified Professional Soil Classifier**, may be *requested* **required** to provide professional **additional information or help to resolve the conflict.**

#### Section 905.60 Subsurface Seepage System Construction Requirements

a) Seepage Field Requirements – Gravel, Gravelless and Chamber Systems. Subsurface seepage fields shall be designed and constructed in accordance with Appendix A, Illustrations H, I, and J of this Part and the following: 1) All subsurface seepage systems using soils information for sizing shall use the soil suitability table in Appendix A, Illustration M of this Part to determine the size requirements of the subsurface seepage system. The least permeable soil profile **group** between the top of the gravel or gravelless pipe or chamber system and the limiting layer **bottom of the minimum separation distance required in Section 905.Appendix A, Illustration M, Exhibit A** shall be used to determine the size of the subsurface seepage system.

7) Site evaluation for septic tank effluent utilizing a subsurface seepage system.

Subsurface seepage systems receiving septic tank effluent should **shall** have at least 2 feet of vertical separation distance between the bottom of the subsurface seepage system and the top of the limiting layer. For soils in Design Group I-VI or with a loading rate of greater than 0.62 gallons per day per square foot, there should **shall** be a vertical separation of 3 feet between the bottom of the subsurface seepage system and the top of the limiting layer.

**A) For septic tank effluent discharged to soil design groups II thru VI, there shall be a vertical separation of three feet between the bottom of the subsurface seepage system and the top of the limiting layer.**

**B) For septic tank effluent discharged to soil design groups VII thru XII, there shall be a vertical separation of two feet between the bottom of the subsurface seepage system and the top of the limiting layer.**

#### Section 905.110 Effluent Discharges

f) **After January 1, 2007, effluent receiving trenches shall be required for all systems designed to have a surface discharge of treated effluent. The effluent receiving trenches shall be designed in accordance with Section 905.60 and Appendix A, Illustration Y, Exhibits A & B. except for the minimum separation to the limiting layer require by Section 905.Appendix A, Illustration M, Exhibit A. Effluent receiving trenches should be installed as shallow as possible while maintaining six inches of cover and should be at least one foot above the shallowest limiting layer.**



# SALT FORK RIVER FOREST PRESERVE (HOMER LAKE)

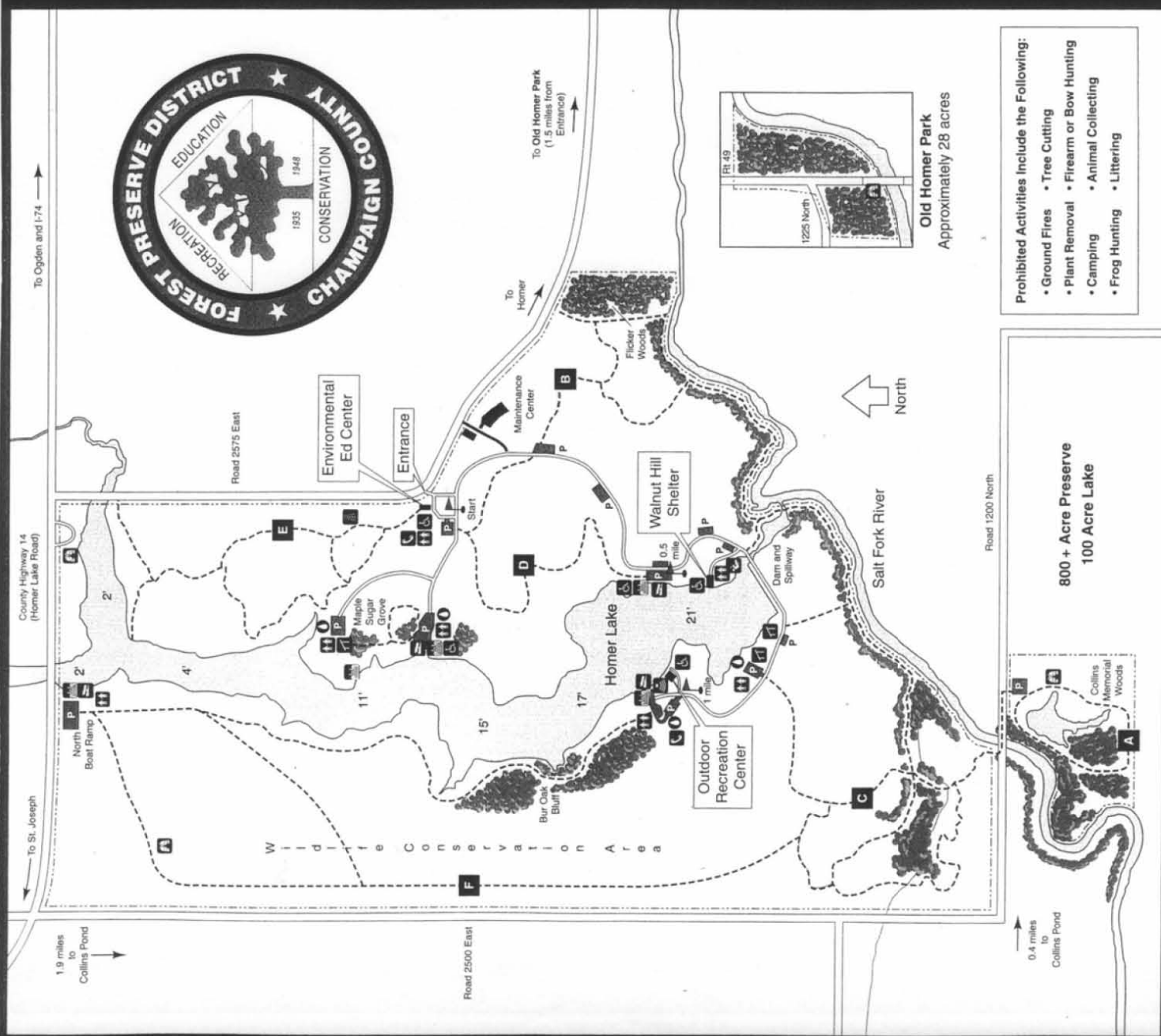
Your location is Salt Fork River Forest Preserve  
2573 South Homer Lake Road  
Homer, Illinois

Champaign County Forest Preserve District  
Headquarters  
P.O. Box 1040  
Mahomet, IL 61853  
(217) 586-3360  
[www.ccpfd.org](http://www.ccpfd.org)

## Legend

- Amphitheatre
- Boat Ramps
- Buildings
- Dock
- Drinking water
- Forested Areas
- Handicapped Accessible
- Hiking Trails
- Observation Platform
- Parking Lots
- Playground
- Property Line
- Shelter House
- Telephone
- Toilet
- Township and Park Roads
- Viewing area

- A** Collins Pond Trail - 0.62
- B** Exercise Mile
- C** Flicker Woods Trail - 0.94
- D** Oak Ridge Trail - 1.9
- E** Sand Beach Cove Trail - 0.68
- F** Timberdoodle Trail - 1.2
- F** West Lake Trail - 4.6



- Prohibited Activities Include the Following:**
- Ground Fires
  - Plant Removal
  - Camping
  - Frog Hunting
  - Tree Cutting
  - Firearm or Bow Hunting
  - Animal Collecting
  - Littering

**800+ Acre Preserve**  
**100 Acre Lake**

**Old Homer Park**  
Approximately 28 acres

ISCA Newsletter Staff  
683 Castle Drive  
Charleston, IL 61920

Phone: 217-345-6767  
Fax: 217-345-7307  
Email: zach.weber@il.usda.gov

### Submissions

This is **YOUR** newsletter. If you wish to submit material, here are some preferences.

- Send information by the last week of the month before the newsletter is scheduled to be published.
- Digital copy in Microsoft Word
- Use as little formatting (indents, bullets, charts) as possible. This increases the work to get it into Publisher.

### Publication Schedule

- Winter (February)
- Spring (May)
- Summer (August)
- Fall (November)



The Illinois Soil Classifiers Association is an organization promoting the wise use of the soil resource. ISCA is made up of professional soil classifiers in public service, private industry, and education and includes students and others interested in preserving soil. A soil classifier maps, describes and interprets soils according to a national system of soil classification. ISCA was established in 1975 and is affiliated with the American Registry of Certified Professionals in Agronomy, Crops, and Soils.

## Smithsonian Soils Exhibit Update

by Bill Kreznor

**Question #1:** What do Mark Bramstedt, Les Bushue, Chris Cochran, Larry Gramm, Chuck Frazee, Jaimee Hammit, Don Johnson, Mike Konen, Bill Kreznor, Bob McLeese, Ken Olson, Bruce Putman, Todd Soukup, Mark Stelford, Earl Voss, and Roger Windhorn have in common?

**Answer:** Each one of these ISCA members has made a contribution to the Smithsonian Soils Exhibit.

**Question # 2:** Why aren't you on that list?

There is still time for all ISCA members who have not already done so to make a financial commitment in support of your profession. Visit the ISCA website [www.illinoissoils.org](http://www.illinoissoils.org) for a link to the exhibit website, or go directly to [www.soils.org/smithsonian](http://www.soils.org/smithsonian). Learn all about this remarkable exhibit that will reach 7 million visitors annually. You will also learn that Illinois is about 70% of the way toward our goal of \$10,000 for displaying a monolith of Drummer silty clay loam, Illinois' State Soil. Drummer will stand with the 49 other State Soil Monoliths and serve to educate museum visitors on the importance of the soil resource. Donation information can be found on the website there as well.

The ISCA Smithsonian Soils Exhibit Committee also urges you to contact potential corporate (profit and not-for-profit) sponsors with whom you may have personal or commercial relationships. Ask them about making a tax-deductible donation to the cause.

If you have any suggestions regarding fundraising, or want to make sponsor referrals to the Committee, contact one of the Committee members. The Committee consists of Mike Konen (State Liaison), and members Bill Kreznor, Bob McLeese, and Dave Rahe.

Be proud of your profession! Make a tax-deductible donation today.



Example of the State Soil Displays that will be used for the Smithsonian Soils Exhibit.

Visit the ISCA website to see the color version of this newsletter

[www.illinoissoils.org/news](http://www.illinoissoils.org/news)

.....Cut.....Cut.....

Change of Address Form  
Send in with dues payment.

Name: \_\_\_\_\_

Address: \_\_\_\_\_

City, State, Zip: \_\_\_\_\_

Phone: \_\_\_\_\_

E-Mail: \_\_\_\_\_

Member Status (Full, Associate, Student, etc.): \_\_\_\_\_





# Illinois Soil Classifiers Association Newsletter

Spring-May 2006

## Upcoming Events

- **ISCA & NRCS to Co-sponsor Field Exam**

**Details Inside**

## Inside this issue:

### ISCA and NRCS Co-Sponsor Field Exam 2

"Dirt, Dust and Mud" 2

### Directions to Shabbona Lake State Park 3

26th Annual Central States Forest Soils Workshop 4

U of I Soil Judging Team Takes 4th in National Contest 5

### 2006 ISCA Appointments Bent Auger 6

January 27 Board Meeting Minutes 7

March 18 Board Meeting Minutes 13

31st Annual Meeting Minutes 15

May 5 Board Meeting Minutes 20

Trading Post 20

Announcements 21

Pictures from the 31st Annual Meeting 22

## Message from the President

As I sit in my office looking at the May profile of a Gelisol in the NRCS calendar, I'm reminded of how fortunate I am to live in a climate that's not conducive to Gelisol formation where we can work in the field throughout most of the year, and I look forward to the spring fieldwork that is under way.

The 31<sup>st</sup> annual ISCA meeting held March 18 in Homer Lake was a great success with 45 members and guests in attendance. Johanna Thompson, the Chicago Field Museum Environmental Coordinator, spoke about the "Underground Adventure" and other exhibits at the Field Museum, and had many interesting exhibits displayed around the room. A visit to Underground Adventure will liven up any trip to Chicago and the Field Museum and I think ISCA members and their families will find it fascinating.

Congratulations to the new and returning officers of the ISCA! Dale Calsyn is 2006 Vice President, Steve Elmer is Secretary, Charles Frazee is Treasurer, Ken Gotsch is President Elect, and Bruce Putman is Past President. Together with Committee and Ad Hoc Committee members and Appointments, I expect 2006 to be an exciting year for the ISCA. This is a dedicated group of members that I would like to thank for their time and commitment. I encourage all members to become active and involved in an ISCA activity this year.

Sincerely,

Clayton Heffter  
(630) 407-6729  
clayton.heffter@dupageco.org

## Illinois State Soil T-Shirts Still Available

Drummer T-Shirts are still available. Some size and color combinations are becoming limited in number. Be sure and order before your size and color are gone.

**Short Sleeve -- \$12**

**Long Sleeve -- \$14**

**Shipping and**

**Handling \$5 per order**

Order by contacting Steve Elmer

E-mail : [torflagr@geneseo.net](mailto:torflagr@geneseo.net)

Two navy blue ISCA collared shirts still available. XL and XXXL \$17



## ISCA and NRCS to Co-sponsor a Field Exam for Soil Classifiers and Soil Scientists

Two opportunities for testing one's skill as a soil classifier are planned for this year. The first opportunity will be in June in northern Illinois (DeKalb Co.). The second opportunity will be in October in the central part of the state (Piatt Co.). The purpose of this exam is to test and fine-tune the skills and abilities of Illinois soil scientists and soil classifiers in identifying soil properties in the field. This exam will be an opportunity for each soil classifier to evaluate his or her skills in identifying color, texture, structure, limiting layers, and other basic soil properties. Often times, soil classifiers work alone in the field and do not have a way of comparing their field evaluation with other soil classifiers. The Field Exam will provide an opportunity for discussion of some of the basic issues in field identification and interpretation of soils. The field exam will use the approved "Key for Determining Sewage Loading Rates" (from the Illinois Department of Public Health, Private Sewage Disposal Licensing Act and Code <http://www.ilga.gov/commission/jcar/admincode/077/07700905ZZ9996amR.html>) and procedures and nomenclature from the USDA Soil Survey Manual <http://soils.usda.gov/technical/manual/> and the USDA-NRCS Field Book for Describing and Sampling Soils <http://soils.usda.gov/technical/fieldbook/>. Copies of the "Key for Determining Sewage Loading Rates" will be available. All those attending are encouraged to bring their soil description gear. Suggested items to bring include: Munsell color book, water bottle, tape measure, HCl acid bottle, 100 foot tape or measuring wheel, compass, knife, pencils, clipboard, textural triangle and any field guide or other reference material. There will be some extra field gear available for you to use if you do not have a specific item. You do not need a soil probe or shovel. The field exam will be considered an "open book" exam, so any reference material may be used. This is a voluntary exam and the results of the exam will not be kept as an official record of the individual member. The exam is not required for certified soil classifiers however, the ISCA Executive Council strongly encourages all practicing members to attend and welcomes the attendance of all members. The field exam will qualify for continuing education units. Here are the details of the June exam day:

**Date:** Friday, June 23, 2006

**Time:** One session only. Begins at 9:00 AM. Ends at 12:00.

**Where:** Shabbona Lake State Park, near the town of Shabbona in DeKalb County. Enter the park from the north and meet at the turn-out at the first intersection inside the park. (see maps)

**Cost:** None – one of the many benefits of being an ISCA member

All ISCA members and soil classifiers are encouraged to attend. All NRCS soil scientists are encouraged to attend (with supervisor approval, of course).

This exercise will be out-of-doors, so it is somewhat weather dependent. Last year, the field exam was washed out by heavy rains. We are making plans to still host this event in case of rain.

**Registration Deadline:** June 12, 2006 **Advanced registration is required.**

Register by contacting:

Mark Bramstedt (e-mail preferred) [mark.bramstedt@il.usda.gov](mailto:mark.bramstedt@il.usda.gov)

320 E. Locust

Watseka, IL 60970

815-351-7845 Call this number on exam day, in case of inclement weather.

### "Dirt, Dust and Mud"

Loyal Reinebach has written a book that explains the processes involved in producing the Adams County Soil Survey and how to utilize the information contained in the survey. Loyal says he wrote the book as a way to promote more interest in soil survey. Loyal worked for 22 years in Illinois as a soil scientist. The book talks about different soil types, soil classification, texture, structure and equipment. 15 pages of color photos appear in the book. Contact Loyal to be sure you do not miss out on owning this one of a kind book for your library.

Copies of the soft cover book are available for \$25 by contacting Loyal at the information below.

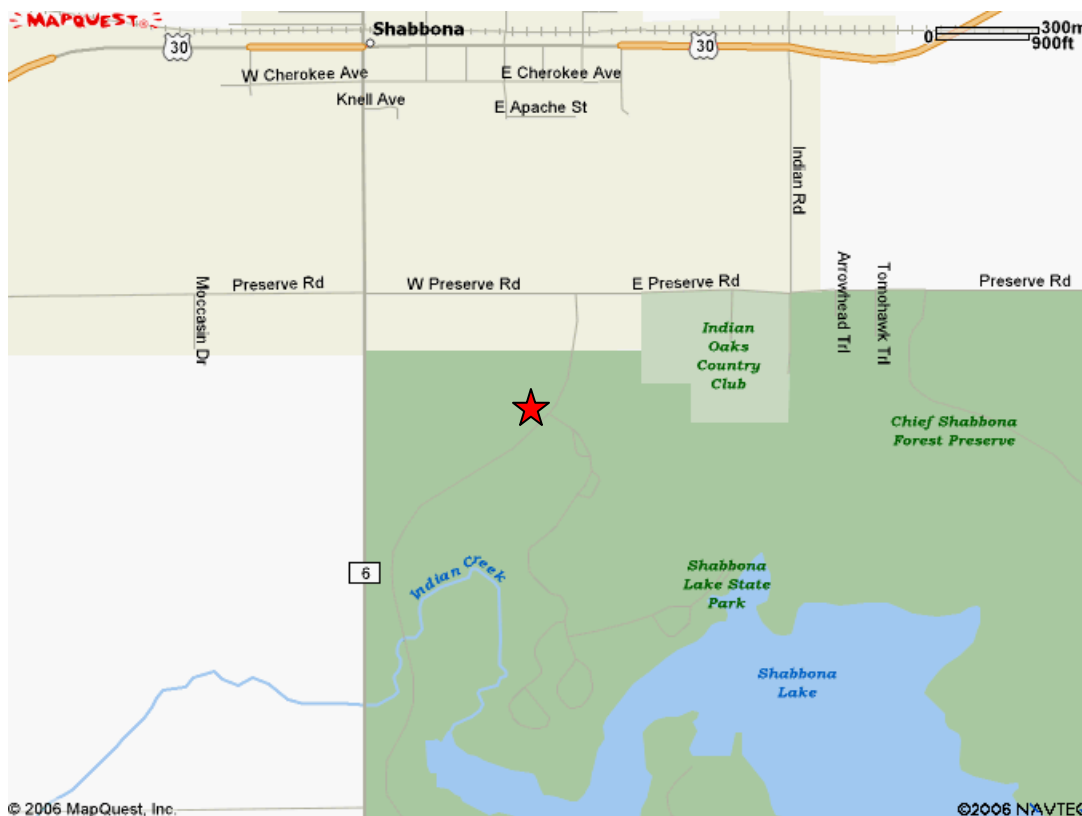
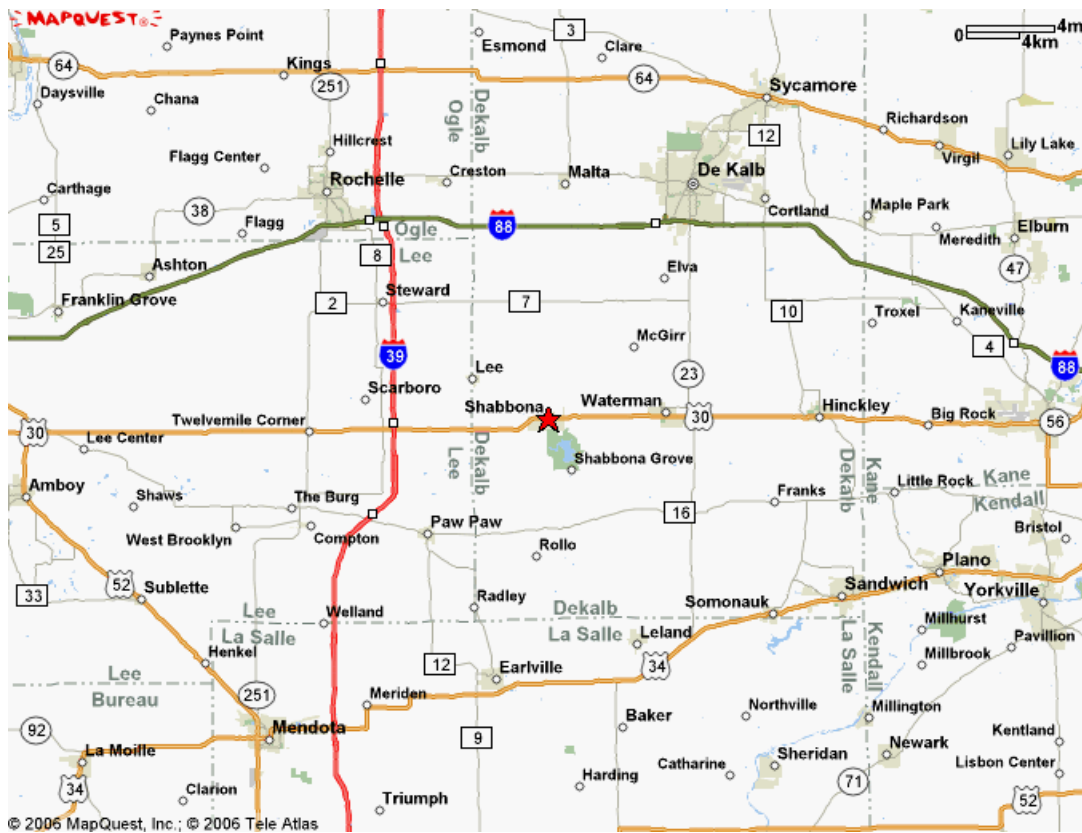
Loyal Reinebach

1022 S. 21<sup>st</sup> Street

Quincy, IL 62301

217-228-8758

### Directions to Shabbona Lake State Park—Field Exam for Soil Classifiers and Soil Scientists





## 26<sup>th</sup> Annual Central States Forest Soils Workshop

Big Springs Area  
near  
Poplar Bluff, Missouri  
**October 10-12, 2006**

### Program Includes:

- MOFEP (MO Ozark Forest Ecosystem Project): forestry management discussions with soil pits
- Ozark National Scenic Riverway:  
Alley Spring  
Big Spring – bottomland forest restoration
- Pine Knot Ecosystem Restoration Area: forestry management discussion with soil pit
- Mark Twain National Forest: reforestation of tornado damaged area and impact of ATVs and horses with soil pit
- Oak Ridge Conservation Area: forestry management discussions with soil pits

**Bring your soil tools. Large soil pits will be available for investigation at each site.**

### Sponsors:

Natural Resources Conservation Service  
MO Association of Professional Soil Scientists  
United States Forest Service  
Missouri Department of Natural Resources  
Missouri Department of Conservation  
National Park Service

### Lodging and Meeting Location:

Holiday Inn  
2781 North Westwood,  
Poplar Bluff, MO 63901  
Phone: (573) 776-1200

A block of rooms is reserved at this location as well as the meeting room. Buses to field stops will depart from this location. For other lodging options, please visit:

[http://www.mo.nrcs.usda.gov/forest\\_soils\\_wrkshp.html](http://www.mo.nrcs.usda.gov/forest_soils_wrkshp.html)

### For additional information please contact:

Dennis Potter or Clayton Lee  
(573) 876-0907

USDA-NRCS  
Parkade Center – Suite 250  
601 Business Loop 70 West  
Columbia, Missouri 65203  
[dennis.potter@mo.usda.gov](mailto:dennis.potter@mo.usda.gov)  
[clayton.lee@mo.usda.gov](mailto:clayton.lee@mo.usda.gov)

or visit the Central States Forest Soils Workshop website at:

[http://www.mo.nrcs.usda.gov/forest\\_soils\\_wrkshp.html](http://www.mo.nrcs.usda.gov/forest_soils_wrkshp.html)

### 26<sup>th</sup> Annual Central States Forest Soils Workshop

Name \_\_\_\_\_

Organization \_\_\_\_\_

Mailing Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Email Address \_\_\_\_\_

- ☑ \$65.00 Regular Registration – by August 15
- ☑ \$75.00 Late Registration – after August 15
- ☑ \$55.00 Student Registration

Make Checks or Money Orders Payable to: MAPSS

Mail to: Caryl Radatz  
c/o USDA-NRCS  
Parkade Center-Suite 250  
601 Business Loop 70 West  
Columbia, MO 65203



## U of I Soil Judging Team Take Fourth in National Soil Judging Contest

University of Illinois Soil Judging team took fourth place in the National Soil Judging Contest in San Luis Obispo California held during Spring Break. There were 22 teams from around the country that competed after winning a place in the national contest by placing in the top of their region in qualifying contests held last fall. Of the 82 individual contestants, Hans Edwin Winzeler, took 11th overall. Other team members included Olivia Dorothy, Andy Brantner, Sherry Lagerstam, and Matt Mechenes. Coaches were Robert Darmody and Scott Wiesbrook.

The ISCA supported the team with a \$100.00 donation to each team member to help cover travel expenses.

Submitted by Robert Darmody



left to right: Mat Mechenes, Robert Darmody (coach), Olivia Dorothy, Andy Brantner, Sherry Lagerstam, H. Edwin Winzeler, and Scott Wiesbrook (assistant coach)

## 2006 ISCA Appointments

### 2006 ISCA Officers

President – Clayton Heffter  
 Vice President – Dale Calsyn  
 Secretary – Steve Elmer  
 Treasurer – Charles Frazee  
 President Elect – Ken Gotsch  
 Past President – Bruce Putman

### 2006 Committee Chairs

Constitution, By-Laws, and Legislative –	Jaimee Hammit
Ethics, Certification, and Membership –	Mark Bramstedt
Finance –	Dale Calsyn
Newsletter –	Zach Weber
Nominations –	Bruce Putman
Public Relations and Education –	Doug Gaines

### 2005 Certification Board

John Pearse – Chairman  
 J. Wiley Scott – Vice Chairman  
 John Doll – Secretary/Treasurer  
 Paul Brown  
 Scott Wegman  
 Ken Anderson

### Ad Hoc Committees & Appointments

Historian –	Roger Windhorn
Program –	VACANT
Smithsonian Project Liaison --	Michael Konen, William Kreznor
Special Appointee to State Advisory Committee on Private Sewage Disposal –	Mark Bramstedt



Zach Weber holding the prestigious and highly coveted Bent Auger Award. Zach was nominated by Roger Windhorn at the 31st Annual Meeting as the “representative” soil scientists for a group of new soil scientist with the NRCS.

## ILLINOIS SOIL CLASSIFIERS ASSOCIATION

### MINUTES

#### ISCA COUNCIL MEETING

January 27, 2006

NRCS McLean County FO

Normal, Illinois

**Present:**

Bruce Putman, President  
 Clayton Heffter, President Elect  
 Mark Bramstedt, Past President  
 Bob Tegeler, Vice President  
 Chris Cochran, Secretary  
 Chuck Frazee, Treasurer  
 Troy Fehrenbacher, Program Chair  
 Greg Clark, Newsletter Chair  
 Ken Gotsch, Ethics, Certification, & Membership Chair  
 Doug Gaines, Public Relations and Education Chair  
 Jim Hornickel, Special Awards

President Bruce Putman called the Council Meeting to order at 10:03 am. He passed out an amended agenda.

**Approval of Minutes:** Motion by Bramstedt to approve the minutes as amended for the December 16, 2005 Executive Council Meeting was seconded and approved.

**Reports:**

**Secretary**—Cochran—completed inventory of shirts and hats. Re-order is not needed at this time.

Hats: 178

Green: 84

Blue: 94

ISCA shirts: 2

Green: 0

Blue: 2

Drummer Shirts: 71

Short sleeve: 60

Long sleeve: 11

Magnets: 31

**Treasurer**—Frazee--report below; signed copies with printed material.

Annual Treasurer's Report for Jan. 1, 2005 - December 31, 2005

Balance in Account - 01/01/05    \*\* \$ 16,309.05\*\*

Income:

Annual Meeting	\$ 825.00
Dues	3,540.00
Certification	25.00
Interest	69.22
Shirts	158.00
Caps	19.00
Fall Meeting	18.00
Hydric Soils Workshop	3,900.00
State Soil Shirts	<u>1,501.00</u>
	\$10,055.22

Expenses:

Administration	\$ 542.70
Annual Meeting	997.34
Fall Meeting	284.66
Soil Survey Horizons	1,381.00
Smithsonian	3,477.63
Hydric Soils Workshop	636.73
State Soil Shirts	2,555.52
Internet	99.95
Awards	<u>650.00</u>
	\$10,625.53

Ending Bank Balance - 12/31/05   \*\*\$15,738.74\*\*

Treasurer's report for the period since the last Executive Council Meeting 12/16/2005

Beginning Bank Balance – December 14, 2005 \*\*\$14,246.55\*\*

Income:

Dues	\$2,400.00
Interest	12.62
State Soil Shirts	<u>67.00</u>
	\$2,479.62

Expenses:

Administration	<u>\$ 6.66</u>
	\$ 6.66

Ending Bank Balance – January 6, 2006 \*\*\$16,719.51\*\*

Motion by Bramstedt to approve the Treasurer's report was seconded and approved.

**Certification Board**—Kreznor-- Dues and certification renewals have been received from 38 of the 44 CPSCs in good standing. CPSCs who have not renewed are being contacted by phone and/or email. The database is being updated as renewals are received. All fees collected to date have been submitted to the Treasurer. The Board currently is reviewing CEU submittals sent by 4 CPSCs. It is anticipated that a few more submissions may come in during the next 30 days. A list of CPSCs in good standing through 2006 has been submitted by email to the President and Past-President to verify eligibility for office and committee chairs for 2006. On 1 February 2006 (the conclusion of the renewal period), the Board Secretary-Treasurer will contact the President-Elect, providing information relative to CPSCs eligible for appointment to the Certification Board. The Secretary-Treasurer plans to submit an item for the Newsletter regarding certification renewal and CEU submissions. The Board continues to conduct business primarily by email, regular mail, and telephone. Our next meeting will, in all likelihood, take place prior to the Annual Meeting in 2006.

#### Standing Committee Reports:

**Constitution, By-Laws and Legislative**—Hammit—No report

**Ethics, Certification and Membership**—Gotsch—Two new members are recommended for Associate membership approval by the committee:

Alison M. Steglich  
863 Benedetti Drive, Apt 205  
Naperville, IL 60563

Motion was made to approve memberships as recommended. Motion was seconded and passed.

**Finance**—Tegeler—Preliminary budget was developed. 2006 Budget will be presented at the annual meeting.  
**ISCA BUDGET 2006 (Draft for Review)**

	2005 Budget	Actual	2006 Budget	Actual
<b>Income</b>				
Annual Meetings	450.00		450.00	
Dues	2700.00		2700.00	
Certification	700.00		700.00	
Internet	0.00		0.00	
Interest	80.00		80.00	
Shirts	1200.00		300.00	
Bookmarks	40.00		40.00	
Hats	50.00		50.00	
Soil tubes	50.00		50.00	
Workshops	1750.00		1750.00	
Soil Cards	0.00		0.00	
<b>Totals</b>	<b>7020.00</b>		<b>6120.00</b>	

**Expenses**

Administration	-600.00		-650.00	
Annual Meeting	-1200.00		-1250.00	
Certification Board	-200.00		-200.00	
Workshops	-500.00		-1000.00	
Soil Survey Horizons	-1360.00		-1400.00	
Awards	-300.00		-300.00	
Public Relations	-350.00	Brochures??	-350.00	
Miscellaneous	-100.00		-100.00	
Smithsonian Exhibit	-3470.00		-1000.00?	
T-Shirts	-2400.00		0.00	
State Soil	0.00		-300.00	
Farm Progress Show	0.00		0.00	
<b>Totals</b>	<b>10480.00</b>		<b>6550.00</b>	

This proposed budget is subject to change. It will be revised once the 2005 actual income and expenses are compiled. **Newsletter**—Clark—Deadline submitting articles for Winter Newsletter is February 1, 2006. Cochran suggested that the next Newsletter be mailed. Bramstedt said since ballots are on it, that was a good idea. Council agreed. Membership list will be published on the WEB site after the Annual Meeting. The Newsletter will cite the WEB page as a source for the Membership list.

**Nominations**—Bramstedt— Nominations Committee Members: Mark Bramstedt, Past-President and Chair Wiley Scott, and Bill Teater. 2006 Candidates: President Elect Ken Gotsch and Matt McCauley; Vice-President Dale Calsyn and Ken Anderson; Secretary Scott Wegman and Steve Elmer. Motion was made and approved to approve the slate of candidates.

**Public Relations and Education**—Gaines—Burt Ray Scholarship winner is Edwin Winzeler. Edwin was last year's winner as well. Congratulations Edwin. The ISCA brochure was discussed. Doug passed out a copy of the "old" brochure. The new brochure is basically the same with the exception of new color pictures and logos. Cost for printing is estimated to be \$375/500; \$405/1000; and \$568.50/2500 plus setup costs. Doug will email copies of the brochure to the council. Cochran mentioned that recent activities of the organization are not identified on the brochure and ought to be. Working with State and Local governments in developing guidelines and ordinances to protect the public welfare; certification of soil classifiers; work with the Field Museum; State Soil; etc. Bruce suggested that a draft copy be put together for review at the Annual Meeting. Several members suggested that the brochure be developed using Microsoft Publisher so it could be made into a .pdf file.

The "Understanding Your Soil Report" brochure was brought up. Doug said he would email copies to the Council for

comment. Cochran recommended that the final brochure be in .pdf format and posted on the Web for easy download and printing. This would save on printing costs by eliminating them. Bruce recommended we budget \$1000 to cover setup and costs for printing brochures. No motion was made to budget for this cost.

#### **Ad-Hoc and Special Appointee Reports:**

**Program**—Fehrenbacher—The Annual Meeting will be held at Homer Lake Forest Preserve. The agenda was discussed. Troy had Bruce sign the rental agreement for the pavilion. Rental fee is \$175. Refundable damage deposit is \$200. \$1200 is budgeted for the meeting. A screen is available for the speaker. Troy will check to see if Internet hookup is available. Mark will look into appropriate honorarium. Troy talked about “door prizes”. The Council recommended that each member be charged \$15 in advance/\$18 at the door to cover the cost of the meal, tip, speaker, and rental fee. Council recommended that 5 additional meals be purchased to cover latecomers and people wanting second helpings. Troy discussed the menu. Troy will ask caterers to supply coffee at 11:00am before the luncheon so it is available for registration. Left over bottled water and soft drinks from the Fall meeting will be brought in as well.

**Historian**—Windhorn—No report

**State Advisory Commission on Private Sewage Disposal**—Bramstedt—Commission has reviewed several draft proposals and are now ready to adopt a final version. The new draft will eliminate perc test, surface discharge, and require 2 or 3-foot separation from the seasonally high water table. Use of a “variance” might be extensive. Requirements go into effect in January 2007. Mark supplied the following after the meeting:

Advisory Commission on Private Sewage Disposal

Proposed Changes to the State Septic Code

The Advisory Commission on Private Sewage Disposal recently approved changes to the State of Illinois Private Sewage Disposal Licensing Act and Code. Some key changes: 1) soil evaluations will be required to design the system size eliminating the need for perc tests. 2) mandatory separation distances will now be required 3) elimination of surface discharge (after 1/2007) and the need for soil information to design receiving trenches 4) adoption of the proposed ISCA Loading Rate Key. There are many other changes in the Code that are not listed here. Specific changes that may be of particular interest to ISCA members are listed in detail below and are in **blue**. As of now, these are considered to be draft changes. However, they appear to be accepted and most likely will become part of the Code. Contact Mark Bramstedt if you have questions about the draft changes or if you have suggestions for future changes.

#### Section 905.10 Definitions

Added Munsell notations (iron depletions with value of 4 or more, chroma of 2 or less) to the definition of mottles in “limiting layer” and “water table”. Corrected the definition of Soil Classifier to change from ARCPACS to SSSA. (ISCA soil classifiers are still listed first in the definition.)

#### 905.20 General Requirements

j) 5) **On or after January 1, 2007, every proposal for installation or replacement of a private sewage disposal system shall have the soils evaluated using Section 905.55 of this Code to determine the feasibility for the use of a subsurface seepage system. If the soils on the lot are identified within Design Groups II thru VIII as illustrated in Section 905.APPENDIX A, Illustration M, Exhibit A and there is sufficient area for a subsurface seepage system, excluding the area for the structure served by the private sewage disposal system and incorporating the required distances of Appendix A, Illustration D of this Code, then a subsurface seepage system shall be utilized. For Design Groups IX thru XII as illustrated in Section 905.APPENDIX A, Illustration M, Exhibit A, a subsurface system should be used when conditions on the site are feasible.**

#### Section 905.55 Subsurface Seepage System Design Requirements

When designing a subsurface seepage system the absorption capacity of the soil shall be determined by subsection (a) or (b) of this Section. **On or after January 1, 2007, when designing a subsurface seepage system the absorption capacity of the soil shall be determined by subsection (a) of this Section. After January 1, 2007, Section (b Percolation Tests) may only be used to determine the ability of soils to utilize a subsurface system, but shall not be used to determine the absorption capacity of the soil.**

a) Soil Investigation

3) If conflicting soils investigation information is provided about a given site, an NRCS soil scientist, **who is a Certified Professional Soil Classifier**, may be *requested* **required** to provide professional **additional** information **or help to resolve the conflict.**

#### Section 905.60 Subsurface Seepage System Construction Requirements

a) Seepage Field Requirements – Gravel, Gravelless and Chamber Systems. Subsurface seepage fields shall be designed and

constructed in accordance with Appendix A, Illustrations H, I, and J of this Part and the following: 1) All subsurface seepage systems using soils information for sizing shall use the soil suitability table in Appendix A, Illustration M of this Part to determine the size requirements of the subsurface seepage system. The least permeable soil profile **group** between the top of the gravel or gravelless pipe or chamber system and the limiting layer **bottom of the minimum separation distance required in Section 905. Appendix A, Illustration M, Exhibit A** shall be used to determine the size of the subsurface seepage system.

7) Site evaluation for septic tank effluent utilizing a subsurface seepage system.

Subsurface seepage systems receiving septic tank effluent should **shall** have at least 2 feet of vertical separation distance between the bottom of the subsurface seepage system and the top of the limiting layer. For soils in Design Group I-VI or with a loading rate of greater than 0.62 gallons per day per square foot, there should **shall** be a vertical separation of 3 feet between the bottom of the subsurface seepage system and the top of the limiting layer.

**A) For septic tank effluent discharged to soil design groups II thru VI, there shall be a vertical separation of three feet between the bottom of the subsurface seepage system and the top of the limiting layer.**

**B) For septic tank effluent discharged to soil design groups VII thru XII, there shall be a vertical separation of two feet between the bottom of the subsurface seepage system and the top of the limiting layer.**

Section 905.110 Effluent Discharges

**f) After January 1, 2007, effluent receiving trenches shall be required for all systems designed to have a surface discharge of treated effluent. The effluent receiving trenches shall be designed in accordance with Section 905.60 and Appendix A, Illustration Y, Exhibits A & B. except for the minimum separation to the limiting layer require by Section 905. Appendix A, Illustration M, Exhibit A. Effluent receiving trenches should be installed as shallow as possible while maintaining six inches of cover and should be at least one foot above the shallowest limiting layer.**

**Smithsonian Project Coordinator**—Kreznor—no report. To date Illinois has raised \$7,092.63 and has achieved 70.9% of its' goal of \$10,000. The deadline for this fundraiser is December 2006.

**USCSSA Teleconference**—No report

#### **Old Business:**

**Honor and recognition for work on State Soil**—Hornickel—The following individuals have been identified for recognition. State Representatives Gordon Ropp, Julie Curry, Ray Poe, and Tom Dart; State Senator Duane Noland; Monticello HS FFA; and Chicago HS for Ag. Sciences FFA. The design will be patterned after the Wisconsin award for similar recognition. The plaque is made of butternut. **Certification Standards Work Group Report**—Gotsch—Ken updated the standards based on the Council's previous suggestions and emailed it to the Council for approval. Copies will be put in the Winter Newsletter, which is going out in early February. It is ready to be voted on at the Annual Meeting. **Recognition for Leon Follmer Retirement**—Putnam—Sam Indorante, Matt McCauley, and Ken Gotsch nominated Leon for Honorary Full Membership. Motion was made, seconded and approved to make Leon an Honorary Member. A full vote by the Membership will be done at the Annual Meeting.

**Late fees for late reregistration**—Cochran—No one is delinquent yet. A reminder notice will be sent to those who have not paid. Frazee stated roughly 1/3 of the non-certified members had not paid. This year individual notices were not sent out. Due notices were in the Fall Newsletter. Cochran stated that 2005 had a record membership of 115.

#### **New Business:**

**Winter annual agenda**—Putman—Will work with Fehrenbacher on assembling an agenda.

**Bramstedt**—(submitted after the meeting) Johanna Thompson, Environmental Educator for the Field Museum will be our guest speaker. She will speak on: Underground Adventure Exhibit; Soils educational outreach program; and general info about the Museum and its exhibits.

**Web Site Fees**—A recommendation was to let the account expire and open an account in our name (ISCA). The account was previously held and managed by Jake Teater. A package for \$9.95/month appears to be the best deal. Mark wanted to pay for 1 year in advance to eliminate monthly bills. The Council approved the action and expense.

**State Soil Plaque**—Hornickel—Jim brought up the fact that Wisconsin has a State Soil Historical Marker Highway Plaque at the site where the soil was established. A similar sign here would cost \$2800. A sign at the OSD type location at the UI would get us recognition. A suggestion of approaching the UI to share in the cost if we pursued this was made. The Council held off action at this time.

Next meeting location and date: March 18, 2006, 10:30 am at Homer Lake in Homer, IL.  
A group picture followed.

**Adjourn:** The meeting adjourned at 12:50pm

Respectfully submitted  
Chris Cochran, Secretary



Back Row LtoR: Troy Fehrenbacher-Program, Greg Clark-Newsletter, Bruce Putnam-President, Doug Gaines-Public Relations, Chuck Frazee-Treasurer, Jim Hornickel-Special Awards, Bob Tegeler-Vice President.  
Front Row LtoR: Chris Cochran-Secretary, Ken Gotsch-Ethics, Certification & Membership, Mark Bramsted-Past President, Clayton Heffter-President Elect



## ILLINOIS SOIL CLASSIFIERS ASSOCIATION

### MINUTES

#### ISCA EXECUTIVE COUNCIL MEETING

March 18, 2006

Homer Lake

Champaign County, Illinois

**Present:**

Bruce Putman, President  
 Clayton Heffter, President Elect  
 Mark Bramstedt, Past President  
 Bob Tegeler, Vice President  
 Chris Cochran, Secretary  
 Chuck Frazee, Treasurer  
 Troy Fehrenbacher, Program Chair  
 Greg Clark, Newsletter Chair  
 Ken Gotsch, Ethics, Certification, & Membership Chair  
 Doug Gaines, Public Relations and Education Chair  
 Bill Kreznor, Certification Board  
 Bob McLeese--Member

President Bruce Putman called the Council Meeting to order at 10:30 am. Motion to approve the agenda was made by Putman, seconded by Cochran. Motion carried.

**Approval of Minutes:** Motion to approve the minutes as amended was made by Heffter, seconded by Tegeler, for the January 27, 2006 Executive Council Meeting approved.

**Reports:**

**Secretary**—Cochran—No Report

**Treasurer**—Frazee—Quarterly report below; Annual Report amended to show money for “Drummer” shirts was part of the Hydric Soils Workshop registration. That report was included in the Minutes of January 27, 2006 and will be included in the Annual Meeting Minutes.

Treasurer’s report for the period since the last Executive Council Meeting 1/27/2006

Beginning Bank Balance – January 27, 2006 \*\*\$16,719.51\*\*

**Income:**

Dues	\$ 730.00
Interest	12.62
State Soil Shirts	<u>19.00</u>
	\$ 761.62

**Expenses:**

Administration	\$ 295.46
Annual Meeting	375.00
Internet Fee	187.38
State Soil	<u>5.60</u>
	\$ 863.44

Ending Bank Balance ----- March 17, 2006 \*\*\$16,617.69\*\*

Motion to approve the Treasurer’s report was made by Cochran, seconded by Heffter, was approved.

**Certification Board**—Kreznor—INAUDIBLE – no report submitted.

**Standing Committee Reports:**

**Constitution, By-Laws and Legislative**—Hammit—No report

**Ethics, Certification and Membership**—Gotsch—No report

**Finance**—Tegeler—Proposed budget for 2006 was sent to Council members for review. A correction will be made to account for the extra Internet costs that weren’t anticipated. A corrected one will be submitted to the membership at the Annual Meeting for approval. Motion to approve the budget as amended for submission to the General Membership was

seconded and approved.

**Newsletter**—Clark—Greg is leaving for a job in Georgia. Zach Weber has agreed to assume duties of Newsletter chair.

**Nominations**—Bramstedt— No report. Ballots will be counted as they come in.

**Public Relations and Education**—Gaines—Working to get report in suitable PDF format. Doug circulated examples of report.

**Ad-Hoc and Special Appointee Reports:**

**Program**—Fehrenbacher—On schedule.

**Historian**—Windhorn—No report

**State Advisory Commission on Private Sewage Disposal**—Bramstedt—No report. Putman stated he was at a meeting in Crystal Lake. At the meeting, it was announced that the Sierra Club would support legal action against the Illinois EPA for not enforcing “surface discharge” rules, through proper permitting. i.e. Clean Water Act.

**Smithsonian Project Coordinator**—Kreznor—Display, along with donation forms is set up at the Annual Meeting. Bill will show a DVD short at the Annual Meeting. To date Illinois has raised \$7,092.63 and has achieved 70.9% of its’ goal of \$10,000. The deadline for this fundraiser is December 2006.

**USCSSA Teleconference**—Putman – participated in teleconference. ISCA appears to be way ahead of other organizations in terms of registering and supporting its members. The teleconference included discussion of the World Congress of Soils. For the first time in 40 years, the WCSS is being held in the U.S. in Philadelphia, PA, July 9-15, 2006. Early bird registration is \$550 if you register before May 1. After this date it increases to \$650 for conference participants. Special rates are available for students, companions, and the media. Register at: [www.colostate.edu/programs/IUSS/18wcss/registration\\_fees.html](http://www.colostate.edu/programs/IUSS/18wcss/registration_fees.html). This is the first time for the Congress in the US since 1960. Also included in the teleconference was discussion of the Smithsonian project. The Smithsonian project is at 25% of its total goal of \$4 million.

**Old Business:**

**Honor and recognition for work on State Soil**--Tegeler—Hornickel will bring example of plaques.

**Certification Standards Work Group Report** --- Gotsch—on hold

**Recognition for Leon Follmer Retirement**—Putnam—will hold a vote with the membership.

**New Members** – Gotsch—No report

**Delinquent Membership Dues**—Cochran—11 members are in arrears. 6-full; 2-affiliate; 1 associate; 1-retired; and 1-student. Two members are certified. The new Secretary will need to follow up and notify these members that their membership will lapse soon.

**New Business:**

**Burt Ray Award**—Gaines—Edwin Winzeler has been notified.

**Budget**—Tegeler—No further report.

**Illinois Soil Judges**—Putman—Darmody requested money for travel expenses. Bramstedt made a motion, seconded by Heffter, to give the UI team \$400 to cover expenses. Motion passed.

**Honorarium**—Bramstedt—Motion by Cochran give \$200 to speaker and \$150 to museum was seconded and passed.

**ISU Soil Judges**—McLeese—Request to support ISU soil judges. Motion by Bramstedt, seconded by Heffter, to give ISU \$200 to defray expenses. Future support will be in the form as an event sponsor.

The next meeting will follow the Annual Meeting.

**Adjourn:** The meeting adjourned at 11:30am

Respectfully submitted  
Chris Cochran, Secretary

**ISCA 31<sup>st</sup> ANNUAL MEETING MINUTES**  
**March 18, 2006**  
**Homer Lake, Illinois**

Welcome, opening remarks and call for ballots by **Bruce Putman**, ISCA President  
 Meeting commenced at 12 noon with an invocation by **Steve Zwicker**. Lunch followed.

Bruce Putman introduced **Johanna Thompson**, Chicago Field Museum Environmental Coordinator. Johanna spoke about the "Underground Adventure" and other exhibits at the Field Museum. See photo at end .  
 45 members and guests were in attendance.

**President Bruce Putman called the business meeting to order at 2:00 PM.**

**Reports**

**Secretary's Report – Chris Cochran.** As of March 17, there were 105 paid members. There are 11 members that are delinquent. Current membership includes 67 full; 18 associate; 7 affiliate; 7 out-of-state; 4 student; and 2 retired members. Since 2003 we have gained 32 members and lost 12 members, 1 of which is deceased. The 11 delinquent members need to be followed up on by the next Secretary so our membership continues to grow. Hat and shirt inventory is as follows: hats—176; ISCA polo shirts—2; Drummer shirts—68; magnets—80. The value of the remaining inventory is \$2694. Cochran passed out copies of the minutes from the last annual meeting held March 1, 2005 at the Decatur Holiday Inn & Convention Center. Motion was made and seconded to approve the minutes for that meeting. Motion passed.  
**Treasurer's Report-- Charles Frazee. Chuck reviewed income and expenses for the past year. Balance at beginning of year was \$16,309.05. Balance at end of year was \$15,738.74. Motion was made and seconded to approve the Treasurer's report. Motion carried.**

Annual Treasurer's Report for January 1, 2005 - December 31, 2005

Balance in Account - 01/01/05      \*\* \$ 16,309.05\*\*

Income:

Annual Meeting	\$ 825.00
Dues	3,540.00
Certification	25.00
Interest	69.22
Shirts	158.00
Caps	19.00
Fall Meeting	18.00
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State Soil Shirts	<u>1,501.00</u>
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Smithsonian	3,477.63
Hydric Soils Workshop	636.73
State Soil Shirts	2,555.52
Internet	99.95
Awards	<u>650.00</u>
	<b>\$10,625.53</b>

Ending Bank Balance - 12/31/05      \*\*\$15,738.74\*\*

**Certification Board Report—Bill Kreznor. Pat Kelsey (Chair), Wiley Scott (Vice-chair), Bill Kreznor (Secretary-Treasurer), Paul Brown, John Doll, and John Pearse.**

2005-2006 expenses:

Envelopes	\$ 18.81
File folders	\$ 15.95

Stamps/postage \$ 31.50

TOTAL \$ 66.26

Total number of CPSCs as of 18 March 2006: 42 (43 in 2005)

New Certifications issued after completion of requirements: 1--Kenneth Gotsch became certified on 24 August 2005

New Applications: None

CPSCs submitting CEUs December 2004 through February 2006: 22

Certification Board Members with terms expiring in 2006: Pat Kelsey and Bill Kreznor

#### Committee and Ad Hoc Committee Reports:

**Constitution, By-Laws & Legislative – Jamee Hammit.** Members include **Dale Calsyn** and **Jeff Deniger**.

Membership handbook is on the website.

**Ethics, Certification, & Membership – Ken Gotsch.** New members for 2005-2006 include **Kristine Ashpole; David Cochran, Erik Gerhard, Gary Hankins, Dennis Hornickel, Alison Steglich, Patrick Ver Halen, Edwin Winzeler, Paul Youngstrum, Yone Yu, and David Zimmermann.** ISCA hats were presented to new members that were present.

**Finance – Bob Tegeler.** The ISCA Finance Committee for the year from March 1, 2005 through March 18, 2006 consisted of Bob Tegeler, Vice-President and Chair, **Rick Francen** and **Steve Suhl**.

The Finance Committee met on February 2, 2006 and conducted an audit of the financial records for the Association for calendar year 2005. The records were found to be accurate and in good order. The Finance Committee thanks ISCA Treasurer Chuck Frazee for his thoroughness and cooperation.

The income and expenses for 2005 have been reviewed and summarized, and a proposed budget for 2006 has been prepared. The 2005 budget showed a deficit of \$570.31. This was mainly due to the contribution of \$3477.63 to the Smithsonian Soils Exhibit, and the purchase of the State Soil shirts for \$2555.52. Approximately 60 percent of the shirt expenses were recaptured during the past year. The deficit for 2005 was nearly offset by the successful Hydric Soil

Workshop. The Finance Committee proposes a balanced budget for 2006.

ISCA dues are currently \$25.00 for Full and Associate Members. ISCA is currently on sound financial footing and the Finance Committee does not recommend a dues increase for 2006-2007. However, that option should be considered if expenses for 2007 and beyond are anticipated to increase significantly.

#### ISCA BUDGET

2005

2006

	Budget	Actual	Budget	Actual
<b>Income</b>				
Annual Meeting			825.00	500.00
Fall Meeting	18.00		20.00	
Dues (includes Certification)			3540.00	3550.00
Certification (applications)			25.00	25.00
Interest			69.22	70.00
Shirts (Polo)			158.00	17.00
Shirts (State Soil)			1501.00	308.00
Bookmarks			0.00	10.00
Hats			19.00	50.00
Soil tubes			0.00	10.00
Workshops			3900.00	2500.00
Soil Cards			0.00	0.00
<b>Totals</b>			<b>\$10055.22</b>	<b>\$ 7060.00</b>
<b>Expenses</b>				
Administration		-600.00	-542.70	- 600.00
Annual Meeting		-1200.00*	-997.34	-1000.00
Fall Meeting		See annual meeting*	-284.66	-300.00
Certification Board		-200.00	0.00	-50.00
Workshops		-500.00	-636.73	-700.00
Soil Survey Horizons		-1360.00	-1381.00	-1400.00
Awards		-300.00	-650.00	-1000.00
Public Relations		-350.00	-0.00	-1000.00
Miscellaneous		-100.00	-0.00	-100.00

Smithsonian Exhibit	-3470.00	-3477.63	-710.00
State Soil T-Shirts	-2400.00	-2555.52	0.00
Internet	0.00	-99.95	-200.00
Farm Progress Show	0.00	0.00	0.00
State Soil	0.00	0.00	0.00
<b>Totals</b>	<b>\$ 10480.00</b>	<b>-\$10625.53</b>	<b>-\$7060.00</b>
<b>Surplus or (Deficit)</b>		<b>(-\$570.31)</b>	<b>-----</b>

\* Proposed budget expense for Annual Meeting in 2005 included both the Fall Meeting and Annual Meeting. Actual 2005 expense and proposed expense for 2006 show separate line items for the Fall Meeting and Annual Meeting.

**Newsletter—Greg Clark.** Committee members include **Troy Fehrenbacher, Ron Collman, and Zach Weber.**

Zach was selected as new Newsletter chair to fill out my term. I have accepted a job in Georgia.

**Nominations—Mark Bramstedt.** Committee members included **Wiley Scott** and **Bill Teater.** The ballot this year includes outstanding candidates. **Ken Gotsch** and **Matt McCauley** for President Elect; **Dale Calsyn** and **Ken Anderson** for Vice President; and **Steve Elmer** and **Scott Wegman** for Secretary. Results will be announced near the end of the meeting.

**Public Relations and Education – Doug Gaines.** Committee was made up of **Doug Gaines, Chair, Todd Soukup,** and **Kristine Ashpole.** The items assessed throughout the year were as follows:

**Septic Brochure:** The full-blown septic brochure was completed. Since it is so technical it isn't expected to be used for homeowners, but for regulators and contractors. This brochure will be placed on the website to be downloaded and printed as needed / wanted.

The original "cut" version has been scrapped and a new version is in the conceptual stages; one that is simple with pictures so that the layman can understand easily. This too will be available on the website for download and printing.

The placement on the website is due to the unknowns of who needs/wants it and how many copies. Cost factors.

**ISCA Brochure:** This brochure is close to being finished. A few changes and software to convert to PDF file type is needed and firm costs of setup and printing is needed.

**State Soil Evaluation Form:** For those who don't know, there is a statewide accepted (not required) soil evaluation form for septic suitability reporting. We are looking for software to convert to PDF file type for placement on the website for download and printing by those who wish to use this form. This form was developed by ISCA approximately 10 years ago with the approval of the Illinois State Health Department.

**Hydric Soils Course:** ISCA sponsored an hydric soils identification course June 30 and July 1, 2005 in Shabonna State Park for those in private industry interested in wetlands identification.

**Regional Soils Judging Contest:** Edwin Winzeler was again our winner of the **Burton W. Ray** Scholarship at the Regional Soils Judging Contest held at Illinois State University October 13 - 15, 2005. We tried to get the word to the different schools participating in the contest and make them aware of the scholarship since it is now open to any participant, not just those from the University of Illinois.

**Wildlife State Park Exhibit: Cliff Miles** presented the idea to place a soils exhibit at the Graham Chapel School in Wildlife State Park in Peoria. This is a school Cliff attended as a boy. It turns out it was a log cabin under the facade. A soils exhibit would be a good addition to the park and school since those involved in the park have a nature study for thousands of kids each year. Still in process.

**Program – Troy Fehrenbacher.** Fall Soils tour had about 40 people turn out. Today 45 people attended. Greg Clark was on the committee.

**Historian—Roger Windhorn.** Requested any items that members think might benefit the history of the organization be submitted to him for archiving. This would include photos, as well as notes or manuscripts.

**State Advisory Commission on Private Sewage Disposal—Mark Bramstedt.** **Don Fehrenbacher** was our first representative who began in 1997. Don left last year and at the request of ISCA President Bruce Putman, Mark Bramstedt was appointed for a three year term by the Director of the Illinois Dept. of Public Health to fill the vacancy. Highlights—17 member commission. Only seven members are named as permanent members in the state statutes. The other members are selected at large. ISCA is one of the seven named members. The proposed changes include the following: Perc tests will be eliminated. Separation distance from bottom of trench and water table will be mandated. Surface discharge will not be allowed after January, 2007. The commission will adopt the ISCA loading rate chart as the "Official" guideline. These are the key changes that have been proposed by the Commission to the Illinois Department of Public

Health.

**Smithsonian Soils Display** – Bill Kreznor. The ISCA Smithsonian Soils Exhibit Committee consists of **Mike Konen** (State Liaison), Bill Kreznor, **Bob McLeese**, and **Dave Rahe**.

Donations now exceed 70 percent of our \$10,000.00 goal. As of 28 February 2006, \$7,193.00 has been raised. The Agronomic Science Foundation (ASF) is leading an effort to solicit corporate sponsors. They urge the Smithsonian Exhibit Committee and any other interested individuals not hesitate to provide them with contact information for potential sponsors.

The ASF has also provided the Committee with promotional materials including a DVD. These items will be displayed at the Annual Meeting on 18 March. Some of this material is also available in electronic format and should be considered for inclusion on the ISCA website.

Much remains to be done in what will be the last year of intensive fundraising. The Committee welcomes any ideas or assistance concerning this effort. ISCA members are encouraged to contact any of the Smithsonian Soils Exhibit Committee members. Members are also urged to promote this effort among their personal, professional, and corporate contacts.

To view a rendering of the exhibit and to track donations, please visit the website [www.soils.org/smithsonian/](http://www.soils.org/smithsonian/). The Smithsonian Soils Exhibit Committee encourages all ISCA members to support our profession and foster the objective of our Association: promote the wise utilization of the soil resource. Only about 20 percent of our membership has made a contribution. We ask that each member who has not already done so make a generous, tax-deductible gift in 2006.

Afterwards, Bill showed a DVD "Short" which showed how "Soils" will be displayed at the Smithsonian.

**USCSSA Teleconference**—Bruce Putman. Based on impressions garnered from the teleconference "Illinois (ISCA) has one of the most sophisticated organizations in the country," observed Bruce. The World Congress pre-registration deadline is nearing. For the first time in 40 years, the WCSS is being held in the U.S. in Philadelphia, PA, July 9-15, 2006. Early bird registration is \$550 if you register before May 1. After this date it increases to \$650 for conference participants. Special rates are available for students, companions, and the media. Register at: [www.colostate.edu/programs/IUSS/18wcss/registration\\_fees.html](http://www.colostate.edu/programs/IUSS/18wcss/registration_fees.html).

**Old Business:** None

**New Business**

**2006 Budget**—Bob Tegeler. See previous budget estimate. Motion was made and seconded to approve the budget for 2006. Motion passed.

**Proposed Revisions to Certification Standards**—Ken Gotsch. Presented revisions mentioned in previous Winter 2006 Newsletter. Motion was made and seconded to adopt the new standards. Motion passed.

**Leon Follmer Honorary Membership Nomination**—Bruce Putman. Bruce read the nomination narrative. Motion was made and seconded to approve the nomination. Motion carried unanimously. Afterwards, Leon was presented with a new Membership Certificate as Honorary Full Member. **To be noted:** five other members have received this award;

**Albert A. Klingebiel-1984; Lindo J. Bartelli and Russell T. Odell-1985; Joe Fehrenbacher-1986 and John D.**

**Alexander-1994.** Leon thanked the organization for the recognition.

**Bent Auger Award** – Roger Windhorn. Award started in 1977. Paul Youngstrum was the first recipient. Purpose of award is to recognize an individual who has distinguished himself or herself by an act of legendary faux pas or gaffe (real, imagined, made up, or even just an egregious lie). Two individuals were nominated: Zach Weber and Dale Calsyn. Zach won. The alleged faux pas or gaffe was exceptional over-use and stress-testing of soil sampling equipment. He was also accused of working (moonlighting) as a tester for the Oakfield Probe Company. "Not so," says he, "I just eat my Wheaties".

**Special Awards—Jim Hornickel.** Jim displayed the plaque to be presented to supporters of the State Soil "Drummer". Jim thanked members of his committee: Rick Francen, **Bob McLeese**, Steve Suhl, **Jerry Berning**, and special thank-you to Pattie West, Paige Buck, and John Campbell. Those recognized include: Chicago High School for Agricultural Sciences FFA, State Representative Gordon Ropp, State Representative Julie Curry, State Representative Ray Poe, State Representative Tom Dart, State Senator Duane Noland, and Monticello High School FFA. The next phase is to present these awards.

**Length of Service** -- Bob McLeese. Bob recognized Steve Elmer for his 38 years of service for the Federal Government.

**Election Results** – Mark Bramstedt. Ken Gotsch--President Elect; Dale Calsyn—Vice President; Steve Elmer—Secretary.

**Presidents Prerogative** – Bruce Putman. Bruce thanked his cabinet and chairs for their work.

**Passing the Gavel** – Clayton Heffter accepted the gavel for 2006.

**Closing Comments** – Clayton Heffter thanked Bruce Putman for his service. He looks forward to an exciting new year.

The raffle winners were: **Earl Voss**-ISCA hat; Bob McLeese-ISCA hat; guest Lorraine Chovelak-"Drummer" T-shirt; Chuck Frazee-"Drummer" T-shirt; **Dana Grantham**-Johnny Cash CD; and Troy Fehrenbacher-Nitty Gritty Dirt Band combo-CD.

**Meeting adjourned** at 3:30p.m. A short Executive Council Meeting followed.

Respectfully submitted,  
Chris Cochran, Secretary



Soil Adventure Mobile (SAM)

## ISCA Executive Council May 5, 2006 Meeting Minutes

### Bloomington NRCS Field Office

10:00 AM

Present: President Clayton Heffter                      Vice-President Dale Calsyn  
                     Secretary Steve Elmer                                      Treasurer Charles Frazee  
                     President-Elect Ken Gotsch

1. Agenda and 3/18/06 Council meeting minutes approved
2. Reports:
  - a. Secretary – all ISCA information in his possession has been received from former secretary Chris Cochran. Steve is appreciative of the organized files to help with the transition.
  - b. Treasurer – Chuck handed out a copy of the Treasurer’s Report for the period 3/17/06-5/4/06 (see attached).
  - c. Standing Committee Reports
  - d. Newsletter: Due out in May.
  - e. Public Relations and Education: ISCA brochure still under development.
  - f. No other reports.
  - g. Ad-Hoc and Special Appointee reports:
  - h. State Advisory Commission on Private Sewage Disposal – legislative bill with 1/1/07 code change implementation still does not have a sponsor.
  - i. USCSSA Teleconference – President encouraged to continue to participate, if possible.
  - j. Old Business
  - k. ISCA Brochure update: final recommended edits are still being made before publication.
  - l. 2006 Membership dues: Steve reports that 7 members’ dues are still delinquent, after two separate mailed notices in recent months, and these people will be dropped from membership per the organization by-laws.
  - m. New Business
  - n. Training/Information for Illinois Soil Classifiers: Ken suggested this would be good for ISCA to sponsor and host on a routine basis to help new and current Illinois Classifiers become more knowledgeable about both the business and technical side of having a consulting business. The Public Relations and Education Committee and Mark Bramsted (State Liaison) will be invited to the next Council meeting to discuss the subject further.
  - o. Certification Board should be asked whether certified CPSC member list has been forwarded to the State Health Department for local office files.
  - p. Next Meeting: Working lunch during 6/23/06 Field Texturing Exam at end of Hydric Soils Course in DeKalb County. Meeting Adjourned.

## TRADING POST

This spot is reserved for members who would like to buy, sell, trade, or announce an item, event, or activity in our newsletter. Please limit your classified ad to 25 words or less. Email your ad to the newsletter at [zach.weber@il.usda.gov](mailto:zach.weber@il.usda.gov)

- ISCA ball caps available for \$9 (includes S&H). Contact Steve Elmer at [torflagr@geneseo.net](mailto:torflagr@geneseo.net)
- “Dirt, Dust, and Mud”, an explanation of the Adams County Soil Survey.  
     Soft cover books available from Loyal Reinebach (217-228-8758) for \$25 each





# ANNOUNCEMENTS

**52<sup>nd</sup> Midwestern Friends of the Pleistocene Field Conference**

**Bismark, North Dakota**

**June 3<sup>rd</sup> & 4<sup>th</sup>, 2006**

**Themes:**     *Geological Observations of Lewis and Clark*  
                  *Glacial stratigraphy of ice-walled lake plains*  
                  *Structural interpretation of glaciotectonic ice-thrust features*

For more information, please visit the website or contact Lorraine Manz @  
(701) 328-8000

<http://ndgeosociety.tripod.com/Pleistocene2006.pdf>

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**18<sup>th</sup> World Congress of Soil Science (WCSS)**

**Philadelphia, Pennsylvania**

**July 9<sup>th</sup> thru 15<sup>th</sup>, 2006**

**Theme:**        *Frontiers of Soil Science: Technology and the Information Age*

A link to the Congress website is available at the ISCA website

<http://www.illinoissoils.org/announce.htm>

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**26<sup>th</sup> Annual Central States Forest Soils Workshop**

**Big Springs Area near Popular Bluff, Missouri**

**October 10<sup>th</sup> thru 12<sup>th</sup>, 2006**

**Themes:**        **MO Ozark Forest Ecosystem Project**  
                  **Ozark National Scenic Riverway**  
                  **Pine Knot Ecosystem Restoration Area**  
                  **Mark Twain National Forest**  
                  **Oak Ridge Conservation Area**

For more information, please visit the website or contact Dennis Potter or Clayton Lee  
at (573) 876-0907

[http://www.mo.nrcs.usda.gov/forest\\_soils\\_wrkshp.html](http://www.mo.nrcs.usda.gov/forest_soils_wrkshp.html)

www.illinoissoils.org

ISCA Newsletter Staff  
683 Castle Drive  
Charleston, IL 61920

Phone: 217-345-6767  
Fax: 217-345-7307  
Email: zach.weber@il.usda.gov

### Submissions

This is **YOUR** newsletter. If you wish to submit material, here are some preferences.

- Send information by the last week of the month before the newsletter is scheduled to be published.
- Digital copy in Microsoft Word
- Use as little formatting (indents, bullets, charts) as possible. This increases the work to get it into Publisher.

### Publication Schedule

- Winter (February)
- Spring (May)
- Summer (August)
- Fall (November)



The Illinois Soil Classifiers Association is an organization promoting the wise use of the soil resource. ISCA is made up of professional soil classifiers in public service, private industry, and education and includes students and others interested in preserving soil. A soil classifier maps, describes and interprets soils according to a national system of soil classification. ISCA was established in 1975 and is affiliated with the American Registry of Certified Professionals in Agronomy, Crops, and Soils.

## Pictures from the 31st Annual Meeting



Executive Council holds their board meeting prior to the start of the 31st Annual Meeting



2005 President Bruce Putman passes the gavel to 2006 President Clayton Heffter



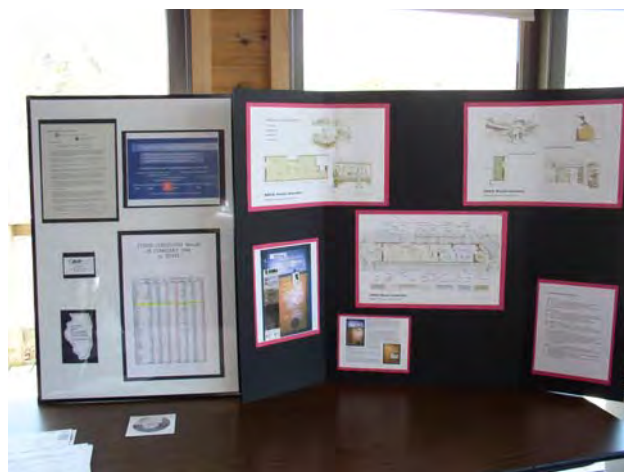
2005 President Bruce Putman awarding Leon Follmer his honorary membership certificate



Display from the Chicago Field Museum. Displays are available for check-out. Contact the museum for more details.



NRCS State Soil Scientist Bob McLeese presenting NRCS Soil Scientist Steve Elmer a retirement plaque



Smithsonian display compliments of Bill Kreznor



Guest speaker Johanna Thompson addressing members about the Underground Adventure Exhibit



Web Soil Survey display compliments of Illinois NRCS

Visit the ISCA website to see the color version of this newsletter

[www.illinoissoils.org/news](http://www.illinoissoils.org/news)

### Change of Address Form

Name: \_\_\_\_\_

Address: \_\_\_\_\_

City, State, Zip: \_\_\_\_\_

Phone: \_\_\_\_\_

E-Mail: \_\_\_\_\_

Member Status (Full, Associate, Student, etc.): \_\_\_\_\_

ISCA Newsletter  
683 Castle Drive  
Charleston, IL 61920



# Illinois Soil Classifiers Association Newsletter

Summer-August 2006

## Upcoming Events

- **Central States Forest Soils Workshop**
- **ISCA Fall Soils Tour**
- **2006 Illinois Cooperative Soil Survey Planning Conf.**

## Inside this issue:

26th Annual Central States Forest Soils Workshop	2
ISCA Fall Soils Tour	3
2006 Illinois Cooperative Soil Survey Planning Conference	5
"Dirt, Dust and Mud"	6
June 23 Council Meeting Minutes	7
Trading Post	7
August 17 Council Meeting Minutes	8
Obituary for John D. Alexander	9
ISCA/NRCS Co-sponsored Field Exams	10
Septic testing fees	11
Promoters of State Soil Recognized	11
Announcements	12

## Message from the President

Clayton Heffter  
 (630) 407-6729  
[clayton.heffter@dupageco.org](mailto:clayton.heffter@dupageco.org)

## Illinois State Soil T-Shirts Still Available

Drummer T-Shirts are still available. Some size and color combinations are becoming limited in number. Be sure and order before your size and color are gone.

**Short Sleeve -- \$12**

**Long Sleeve -- \$14**

**Shipping and**

**Handling \$5 per order**

Order by contacting Steve Elmer

E-mail : [torflagr@geneseo.net](mailto:torflagr@geneseo.net)

Two navy blue ISCA collared shirts still available. XL and XXXL \$17





## 26<sup>th</sup> Annual Central States Forest Soils Workshop

Big Springs Area  
near  
Poplar Bluff, Missouri  
**October 10-12, 2006**

### Program Includes:

- MOFEP (MO Ozark Forest Ecosystem Project): forestry management discussions with soil pits
- Ozark National Scenic Riverway:  
Alley Spring  
Big Spring – bottomland forest restoration
- Pine Knot Ecosystem Restoration Area: forestry management discussion with soil pit
- Mark Twain National Forest: reforestation of tornado damaged area and impact of ATVs and horses with soil pit
- Oak Ridge Conservation Area: forestry management discussions with soil pits

**Bring your soil tools. Large soil pits will be available for investigation at each site.**

### Sponsors:

Natural Resources Conservation Service  
MO Association of Professional Soil Scientists  
United States Forest Service  
Missouri Department of Natural Resources  
Missouri Department of Conservation  
National Park Service

### Lodging and Meeting Location:

Holiday Inn  
2781 North Westwood,  
Poplar Bluff, MO 63901  
Phone: (573) 776-1200

A block of rooms is reserved at this location as well as the meeting room. Buses to field stops will depart from this location. For other lodging options, please visit:

[http://www.mo.nrcs.usda.gov/forest\\_soils\\_wrkshp.html](http://www.mo.nrcs.usda.gov/forest_soils_wrkshp.html)

### For additional information please contact:

Dennis Potter or Clayton Lee  
(573) 876-0907

USDA-NRCS  
Parkade Center – Suite 250  
601 Business Loop 70 West  
Columbia, Missouri 65203  
[dennis.potter@mo.usda.gov](mailto:dennis.potter@mo.usda.gov)  
[clayton.lee@mo.usda.gov](mailto:clayton.lee@mo.usda.gov)

or visit the Central States Forest Soils Workshop website at:

[http://www.mo.nrcs.usda.gov/forest\\_soils\\_wrkshp.html](http://www.mo.nrcs.usda.gov/forest_soils_wrkshp.html)

### 26<sup>th</sup> Annual Central States Forest Soils Workshop

Name \_\_\_\_\_

Organization \_\_\_\_\_

Mailing Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Email Address \_\_\_\_\_

- ☑ \$65.00 Regular Registration – by August 15
- ☑ \$75.00 Late Registration – after August 15
- ☑ \$55.00 Student Registration

Make Checks or Money Orders Payable to: MAPSS

Mail to: Caryl Radatz  
c/o USDA-NRCS  
Parkade Center-Suite 250  
601 Business Loop 70 West  
Columbia, MO 65203

## ISCA Fall Soils Tour

When – 10:30 AM Saturday, October 21<sup>st</sup>, 2006

Where- Silver Ridge Golf Course, just north of Oregon, IL (see map)

What- Several pits will be opened in soils that have formed in paleosols, bedrock, outwash and loess. There will be an opportunity to perform detailed descriptions at some of the pits (a limited field exam). The field exam part of the trip will be optional. Discussion items will include loading rates for various soil types, soil genesis and morphology and soil description methods. Exhibits demonstrating how detailed soil mapping is used for subdivision planning in northern Illinois will be displayed and discussed.

Registration- Pre-Registration is required by October 14, 2006. Registration for guests and non-members will be \$7 per person payable at check-in Saturday morning. There is no charge for ISCA members. We will need a count of guests and non-members when you register. The registration fee will include lunch and drinks. See registration instructions below.

Lunch- Lunch will consist of deli sandwiches, two side dishes and drinks provided by ISCA.

Tentative schedule- 10:30AM to 3:00 PM



CUT

CUT

CUT

## ISCA Fall Soils Tour Pre-Registration

Name: \_\_\_\_\_

Phone number: \_\_\_\_\_

ISCA Member:    Yes            No

Number of Guests: \_\_\_\_\_

Registration may be completed by mail, fax or e-mail.

Register by mail: Fill out the above registration and send to the following address.

Bruce Putman  
1200 Portage Lane  
Woodstock IL 60098

Register by E-mail: Send an e-mail including all information in the above registration sheet to:  
putman@mc.net

Register by fax: Send a fax including all information in the above registration sheet to:  
815-338-7210

## Directions to Silver Ridge Golf Course in Ogle



Take IL Route 2 north from Oregon to Mud Creek Road. Go west on Mud Creek Road to Silver Ridge Golf Course. The entrance to Silver Ridge Golf Course is your first right turn off Mud Creek Road. Follow the road up the hill to the clubhouse.



## United States Department of Agriculture



Natural Resources Conservation Service  
2118 West Park Court  
Champaign, IL 61821  
Phone: 217/353-6600  
Fax: 217/353-6676

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July 24, 2006

Dear Illinois Soil Survey Cooperators and Supporters:

The 2006 Illinois Cooperative Soil Survey Annual Planning Conference will be held on Thursday, September 14, 2006, at the NRCS State Office, 2118 West Park Court, Champaign, Illinois. The purpose of the Conference is to bring our cooperators and other soil survey supporters up-to-date on soil survey activities in the state.

The USDA Natural Resources Conservation Service will be hosting the Conference this year. We will convene at 9:30am. The Conference will adjourn at 12 noon. A tentative agenda is attached.

We will be looking for input from the group on soil survey related issues that need to be addressed this next year. Please RSVP to Jean McConkey by September 8, 2006 at 217/353-6635.

Sincerely,

A handwritten signature in black ink that reads "William J. Gradle".

WILLIAM J. GRADLE  
State Conservationist

Attachment

cc:

Micheal Golden, Director, Soil Survey Division, NHQ, NRCS, Washington, D.C.  
Robert Ahrens, Director, National Soil Survey Center, Lincoln, Nebraska  
MW State Conservationists/State Soil Scientists  
Leadership Team  
MLRA Project Leaders  
Resource Soil Scientists  
State Office Soils Staff

McLeese:letters:JCCS\_06

The Natural Resources Conservation Service provides leadership in a partnership effort to help people conserve, maintain, and improve our natural resources and environment.

An Equal Opportunity Provider and Employer

## 2006 ILLINOIS COOPERATIVE SOIL SURVEY WORK PLANNING CONFERENCE

Thursday, September 14, 2006

USDSA-NRCS State Office  
2118 West Park Court  
Champaign, Illinois  
Agenda

- **Convene 9:30 am**
- **Opening Remarks**
- **Status Reports by Cooperators**
  - **Natural Resources Conservation Service**
  - **Illinois Department of Agriculture**
  - **Illinois State Geological Survey**
  - **Illinois Department of Transportation**
  - **Association of Illinois Soil and Water Conservation Districts**
  - **University of Illinois**
  - **UI Cooperative Extension Service**
  - **United States Forest Service**
  - **Illinois Soil Classifiers Association**
- **Other Reports**
- **Discussion**
- **Adjourn 12:00 Noon**

### **“Dirt, Dust and Mud”**

Loyal Reinebach has written a book that explains the processes involved in producing the Adams County Soil Survey and how to utilize the information contained in the survey. Loyal says he wrote the book as a way to promote more interest in soil survey. Loyal worked for 22 years in Illinois as a soil scientist. The book talks about different soil types, soil classification, texture, structure and equipment. 15 pages of color photos appear in the book. Contact Loyal to be sure you do not miss out on owning this one of a kind book for your library.

Copies of the soft cover book are available for \$25 by contacting Loyal at the information below.

Loyal Reinebach  
1022 S. 21<sup>st</sup> Street  
Quincy, IL 62301  
217-228-8758

**Illinois Soil Classifiers Association  
Executive Council Meeting  
Shabbona Lake Refuge  
Friday, June 23, 2006**

**In President Heffter's absence, Vice-President Dale Calsyn called the meeting to order at 1:00 PM, after the conclusion of the morning Field Texturing Exam at the park. Others present included Steve Elmer, Ken Gotsch, and Bruce Putman. Kristine Ashpole represented the Public Relations and Education Committee.**

1. A copy of the agenda was distributed, reviewed, and approved.
2. A copy of the minutes of the May 5, 2006 Executive Council minutes was distributed, reviewed, and approved.
3. There were no reports from the Secretary, Treasurer, or Certification Board.
4. Newsletter Committee: May newsletter was released on the ISCA website.
5. Membership Committee report from Bramstedt (submitted to Elmer after the Council meeting): members include Mark Bramstedt, Karla Petges, and Steve Suhl.
6. Ad-Hoc Report: Bruce Putman, Past President, will forward the USCSSA email regarding their regular teleconference calls to President Heffter, as they are released.
7. Old Business:
  - a. 2006 delinquent dues have not been received from 7 members. Council directs Secretary to follow up on these. Per Association by-laws, their names have been removed from the ISCA membership roster.
  - b. The Public Relations and Education Committee is working out final draft edits and compatibility issues regarding the revised ISCA brochure within the next few weeks.
8. New Business:
  - a. The Council discussed the development of platted subdivision soil training workshops, similar to the one held in Ogle County many years ago. This is to be placed on the agenda for the next Executive Council meeting for further discussion. Kristine Ashpole will forward this information and the next Council meeting date to Public Relations and Education Committee Chairman Doug Gaines, so that he can plan to attend.
  - b. The next Council meeting will be held on August 4 at 10AM at the Normal Field Office, pending availability of Mark Bramstedt, Doug Gaines, and Clayton Heffter.
9. Meeting adjourned at 2 PM.

Respectfully submitted,

Steve Elmer  
ISCA Secretary

**TRADING POST**

This spot is reserved for members who would like to buy, sell, trade, or announce an item, event, or activity in our newsletter. Please limit your classified ad to 25 words or less. Email your ad to the newsletter at [zach.weber@il.usda.gov](mailto:zach.weber@il.usda.gov)

- ISCA ball caps available for \$9 (includes S&H). Contact Steve Elmer at [torflagr@geneseo.net](mailto:torflagr@geneseo.net)
- Drummer T-Shirts available in 2 colors (see front cover). Short sleeve - \$12 Long sleeve - \$14  
Contact Steve Elmer at [torflagr@geneseo.net](mailto:torflagr@geneseo.net)
- "Dirt, Dust, and Mud", an explanation of the Adams County Soil Survey.  
Soft cover books available from Loyal Reinebach (217-228-8758) for \$25 each

## ISCA EXECUTIVE COUNCIL MEETING

### August 17, 2006

Meeting convenes at Normal NRCS Field Office at 10 AM. Those present on the Council include Calsyn, Elmer, Frazee, Gotsch, and Putman. Others present for the meeting include Mark Bramstedt, Jeff Deniger, and Doug Gaines.

1. Meeting called to order by President Clayton Heffter.
2. Agenda is approved by the Council.
3. Minutes of 6/23/06 Council Meeting are approved by the Council.
4. Secretary Report:
  - a. 2 separate multi-shirt orders have been received and will be processed when payment is received.
  - b. ISCA membership currently stands at 108, with 32 members certified.
  - c. When notified by members of any revised email or postal addresses, Steve is forwarding them on to Mark for insertion in the web file.
  - d. A recently moved member also requested that Soil Survey Horizons be notified of his address change. Steve will do so.
5. Treasurers Report: May-August financial summary handout is reviewed, discussed, and approved.
6. Certification Board: No report.
7. Standing Committee Reports:
  - a. Constitution, By-Laws, and Legislature: With Jaimee Hammit's departure out of state, Jeff Deniger has been appointed new chair.
  - b. Ethics, Certification, and Membership:
    1. Bramstedt submits Sandra McKinney's application for affiliate membership. Council reviews and approves her application. Mark will forward Sandra's name to Steve for development and presentation of a membership card and certificate.
    2. Mark also suggests that Council take steps to encourage those individuals, certified by other organizations (ie., ARCPACS) and practicing as consultants in Illinois, to join ISCA.
  - c. Finance: No Report.
  - d. Newsletter: Due out within 1-2 weeks.
  - e. Nominations: No report.
  - f. Public Relations and Education: Doug Gaines reported that the revised ISCA brochure is stalled because of lack of PDF software. Doug will forward pictures to Clayton for review and any comment. Doug also stated that the Soil Evaluation Worksheet for septic systems will also be placed on the web when available.
8. Ad-Hoc Committee and Special Appointee Reports
  - a. Program : No report.
  - b. Historian: Roger Windhorn had submitted a letter regarding the status of Illinois' Smithsonian Soil Exhibit fundraising efforts. Corporate donations are currently being sought. Clayton will contact Mike Konen for a status report.
9. State Advisory Commission on Private Sewage Disposal: Mark Bramstedt reported that many of the original changes proposed for the State Code have been removed. The State Committee has not yet met to determine final recommendations on the changes.
10. Smithsonian Project Coordinator: No report.
11. USCSSA Teleconference: Bramstedt has instructed the organization to email any correspondence in care of the President of ISCA.

**12. Old Business:**

- a. **ISCA Brochure update:** see Doug Gaines' report in 7f. above.
- b. **Delinquent membership dues:** 7 members did not pay their 2006 dues. Several mailings were sent as reminders during the first six months of the year. Clayton asked Steve to forward their names to him for review and contact. Their names have been removed from the website membership roster, per ISCA Handbook protocol.
- c. **Last meetings suggestion** to pursue another platted subdivision soils training workshop was further discussed. It was decided that this should be set up for the Fall Tour. Bruce Putman offered to develop the training workshop on a site already available in Ogle County. He will confirm concurrence with the owners and report back to Clayton within the week. Such a workshop could be repeated in various parts of the state in the future.

**13. New Business:**

- a. The Council authorized up to \$500 to cover potential Fall Tour expenses.
- b. The Fall Tour will be held on Saturday, October 21, 2006. Backup dates will be October 14 or 28.
- c. The Allerton Farm Field Day, tentatively scheduled for October 20 will not be held. Some of the planned activities will be included in the fall tour in Ogle County. It was decided that having the field day and a fall meeting/tour on or near the same weekend was not desirable.
- d. Chuck Frazee asked whether soils training for Health Department officials was being considered. None is at the moment, but Mark Bramstedt suggested that it could possibly be incorporated into future Field Days.

Meeting adjourned: Noon.

## OBITUARIES

### John D. Alexander

CHAMPAIGN —

Funeral services for John D. Alexander, 85, of Champaign will be 11 a.m. Tuesday at Morgan Memorial Home, 1304 Regency Drive West, Savoy. The Rev. Donald Walden will officiate.

Entombment will be in Mount Hope Mausoleum, Champaign.

Visitation will be from 5 to 7 p.m. Monday at the funeral home.

Mr. Alexander died at 1:59 a.m. Friday (Aug. 11, 2006) at Provena Covenant

Medical Center, Urbana.

He was born April 16, 1921, in



ALEXANDER

Joliet, a son of John J. and Anna Cerveny Alexander. He married Norma A. Akeman on May 20, 1944, in Joliet. She died August 27, 2000.

Survivors include two daughters, Nancy Alexander Hudson of Lake Forest and Karen Smith of Bradenton, Fla.; and a grandchild.

He was preceded in death by a brother.

Mr. Alexander was a professor of pedology (the scientific study of soils) in the Department of Agronomy at the University of Illinois for more than 40 years before retiring. He was a member of the American Society of Agronomy and the Soil Science Society of America and was a founding member of the Illinois Soil Classifiers Association.

Mr. Alexander served in the Army during World War II. He earned his master's degree from the University of Illinois.

He was a member of First United Methodist Church in Champaign and the Exchange Club.

Memorial contributions may be made to: First United Methodist Church, 210 W. Church St., Champaign, IL 61820, or the National Kidney Foundation, 30 E. 33rd Street, Suite 1100, New York, NY 10016.

John is a charter member, as well as an honorary member, of the ISCA. He will be missed.

## ISCA and NRCS Co-sponsors Field Exam for Soil Classifiers and Soil Scientists

A field exam held this June in Dekalb County provided the opportunity for soil classifiers and soil scientists to evaluate their skills in identifying color, texture, structure, limiting layers, and other basic soil properties (see pictures below). The second field exam, originally scheduled to be held in Piatt County has been cancelled. Instead, soil pits will be available for describing at the fall tour to be held in Ogle County—details on page 3. Be sure and make plans to attend.



## Lawmakers introduce bill to prevent testing fees on septics

State Senator Dale Righter (R-Mattoon) and State Representative Chapin Rose (R-Charleston) are introducing legislation that would prevent downstate homeowners from being forced to pay hundreds to thousands of dollars in testing fees on their surface discharging septic systems.

"The Illinois Environmental Protection Agency (IEPA) is proposing a National Pollutant Discharging Elimination System Permit (NPDES) requirement on all surface discharging septic systems," said Righter, "systems that are most commonly found in rural downstate Illinois."

Righter and Rose explained that under the proposal, homeowners and developers would have to file a Notice of Intent to install a regulated septic system, and overcome a number of obstacles when installing surface discharging systems, including a series of tests and inspections costing a homeowner at least \$500 per year.

Furthermore, the proposal would mandate that the IEPA approve a permit application before the counties could approve a building permit, a process that could take up to 30 days, and surface discharging systems would be approved only as a last resort.

The lawmakers said their legislation would stipulate that the owner of any private sewage disposal system with a surface discharge that does not leave the property or directly enter the navigable waters of the State would not be subject NPDES permit requirements.

"Put simply, this measure ensures that rural homeowners will not have to follow state septic tank regulations," commented Rose.

Righter added that while the IEPA claims the new regulations are required by the provisions of the federal Clean Water Act and the United States Environmental Protection Agency, no specific direc-

tion on that issue has come from the federal government. Additionally, several county health departments in downstate Illinois, as well as the Onsite Wastewater Professions of Illinois, are speaking out against the proposal. These local public health officials, who have the responsibility for ensuring sanitary safety, argue the surface discharging systems are not a threat to the environment, pointing out that there is no evidence of any individual becoming ill as a result of a surface discharge system. Furthermore, they contend that it will be very difficult to enforce.

Rose pointed out that 95% of 140,000 surface discharging septic systems in Illinois are located in downstate Illinois. While the IEPA estimates the annual cost to test these systems to be between \$166 and \$234, the Onsite Wastewater Professionals of Illinois say the cost to homeowners could be as much as \$500 per year. Additionally, if homeowners fail the testing they will be required to have their system retested every 30 days at their own expense.

"This regulation will be a major financial burden for downstate homeowners—some of the most impoverished residents in Illinois," said Rose, noting that surface discharging systems are an attractive sanitary option to homeowners because they are much more affordable to install than other types of systems.

Righter echoed Rose's concerns, stating that "Most owners of these systems live in rural areas of the state where they do not have access to a municipal sewer system.

It would be unfair to require them to submit to this kind of burdensome testing and expense, particularly when there is no clear evidence that these systems pose any true health hazard."

Rose also noted that if these regulations are approved, a number of rural areas in Illinois would become virtually impossible to develop, or require extremely expensive systems, which are difficult for many residents to afford.

Several county boards, including those in Shelby, Macoupin and Jasper counties, have already adopted resolutions opposing the IEPA regulation changes.

\*Article published in the *Coles County Leader* - August 25, 2006. - Submitted by Chris Cochran

## Promoters of State Soil Receive Recognition

Those involved in establishing the State Soil of Illinois are being recognized by the ISCA for their efforts. Thanks to them, Drummer Silty Clay Loam has become our State Soil. The following organizations and individuals have or will receive a recognition plaque:

Chicago High School for Ag Sciences FFA— May 3, 2006 at FFA banquet  
 Monticello High School FFA— May 18, 2006 at FFA banquet  
 Former State Representative Gordon Ropp— July 5, 2006 at Normal Rotary  
 Former State Senator Duane Noland— August 17, 2006 at IL Electric Coop board meeting  
 State Representative Raymond Poe— August 19, 2006 at his fund raiser  
 Former State Representative Tom Dart— to be scheduled  
 Former State Senator Julie Curry— to be scheduled

Submitted by Bob McLeese



ISCA Newsletter Staff  
683 Castle Drive  
Charleston, IL 61920

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Email: zach.weber@il.usda.gov

### Submissions

This is **YOUR** newsletter. If you wish to submit material, here are some preferences.

- Send information by the last week of the month before the newsletter is scheduled to be published.
- Digital copy in Microsoft Word
- Use as little formatting (indents, bullets, charts) as possible. This increases the work to get it into Publisher.

### Publication Schedule

- Winter (February)
- Spring (May)
- Summer (August)
- Fall (November)



The Illinois Soil Classifiers Association is an organization promoting the wise use of the soil resource. ISCA is made up of professional soil classifiers in public service, private industry, and education and includes students and others interested in preserving soil. A soil classifier maps, describes and interprets soils according to a national system of soil classification. ISCA was established in 1975 and is affiliated with the American Registry of Certified Professionals in Agronomy, Crops, and Soils.



## ANNOUNCEMENTS

### 26th Annual Central States Forest Soils Workshop

Big Springs Area near Popular Bluff, Missouri  
October 10<sup>th</sup> thru 12<sup>th</sup>, 2006

Themes: MO Ozark Forest Ecosystem Project  
Ozark National Scenic Riverway  
Pine Knot Ecosystem Restoration Area  
Mark Twain National Forest  
Oak Ridge Conservation Area

For more information, please visit the website or contact  
Dennis Potter or Clayton Lee at (573) 876-0907



### ISCA Fall Meeting/Soils Tour

Silver Ridge Golf Course, Oregon, IL  
Saturday, October 21

View soils formed in paleosols, bedrock, outwash, and loess.  
Brush up on your soil description skills.  
Meet with fellow ISCA Members.  
Members enjoy complimentary lunch.

Register by October 14th. Details on page 3.



Visit the ISCA website to see the color version of this newsletter

[www.illinoissoils.org/news](http://www.illinoissoils.org/news)

### Change of Address Form

Name: \_\_\_\_\_

Address: \_\_\_\_\_

City, State, Zip: \_\_\_\_\_

Phone: \_\_\_\_\_

E-Mail: \_\_\_\_\_

Member Status (Full, Associate, Student, etc.): \_\_\_\_\_

ISCA Newsletter  
683 Castle Drive  
Charleston, IL 61920



# Illinois Soil Classifiers Association Newsletter

## Upcoming Events

Annual Meeting to  
be held in March

### Inside this issue:

ISCA Fall Soils Tour	2
Smithsonian Soils Exhibit News	4
U of I Soil Judging	4
Mark McClain Announcement	5
ISCA- Executive Council Meeting	6
Trading Post	6
26th Annual Central States Forest Soils Workshop	7-9
Yearbook of Ag Excerpt	9
2006 Illinois Cooperative Soil Survey Planning Conference	10-11
Ethics, Certification and Membership Disposition of Records	12
Change of Address	13



Fall-November 2006

## Message from the President

Dear ISCA Members,

The Fall Soils Tour was held October 21 at the Silver Ridge Golf Course, just north of Oregon, IL. Thanks to Bruce Putnam, Mike Konen, Steve Zwicker, and Bill Kreznor for all their hard work and for putting on a great event. Also, thanks to Ryan John, the owner of the Silver Ridge Golf Course. The tour was very informative and gave many of the participants the unique opportunity to see paleosols, bedrock, outwash and loess in such close proximity, and helped showcase how detailed soil mapping is used for septic loading rates and subdivision planning. For those of you who couldn't attend, you missed good discussion and the once in a lifetime opportunity to see a whole group of soil scientists riding to a field visit in a long line of golf carts. It was quite a site.

Events such as the Soils Tour highlight the expertise and professionalism our association members have and offer an excellent opportunity to advance one's personal knowledge. I would encourage everyone to become involved in an ISCA event in the coming year. I'm sure you'll find it an enjoyable and rewarding experience.

-Clayton Heffter, President  
(630) 407-6729  
clayton.heffter@dupageco.org

## Illinois State Soil T-Shirts Still Available

Drummer T-Shirts are still available. Some size and color combinations are becoming limited in number. Be sure and order before your size and color are gone.

**Short Sleeve -- \$12**

**Long Sleeve -- \$14**

**Shipping and**

**Handling \$5 per order**

Order by contacting Steve Elmer

E-mail : [torflagr@geneseo.net](mailto:torflagr@geneseo.net)

Two navy blue ISCA  
collared shirts still  
available. XL and  
XXXL \$17



## Fall Soils Tour a Success

About 30 ISCA members and their guests were present October 21 for the Fall Soils Tour held at the Silver Ridge Golf Course in Oregon, Illinois. The participants represented various professions – educators, consultants, government, and students from both Northern Illinois and Western Illinois Universities.

The tour started with a power point presentation by Mike Konen discussing the soil and geology of the Oregon area. This was followed by Bruce Putman's presentation on detailed soil mapping for subdivision planning.

After the morning's presentations and a question and answer session, we enjoyed lunch provided by ISCA. The tour participants then raced to the soil pits in golf carts, with Bill Kreznor taking first place. Backhoe pits had been excavated at six representative sites to show various soils forming in loess, Illinoian age outwash (Paleosols) and bedrock. Particle size analysis data was provided for four of the sites courtesy of Mike Konen and the Northern Illinois University Soils laboratory. Detailed discussions regarding the classification of the soils and origin of the soil materials occurred. Some of the soils observed were Fayette (deep loess), Rozetta (deep loess - moderately well drained), Woodbine (bedrock) and Myrtle (reddish Paleosol).

Special thanks should go to Mike Konen, Steve Zwicker, and Bill Kreznor for their work in planning and preparation of the laboratory data, site selection, and the power point presentations.

- submitted by Bruce Putman



Soil classifiers at the 2006 Fall Soils Tour.

-photos by Roger Windhorn

## More Pictures From the Fall Tour



-photos by Roger Windhorn

## Smithsonian Soil Exhibit News

Illinois is closing in on its goal of raising \$10,000 toward display of a monolith of our State Soil Drummer silty clay loam in the Smithsonian Museum in Washington DC. As of 30 April 2006, the total raised was \$7,693.

Much of the funding has come from individuals. Some corporations have contributed, but some potentially substantial corporate sources have yet to be identified and contacted. Some of these potential sponsors might include local SWCDs, environmental and natural resource protection or conservation organizations, and environmental engineering and land planning companies. The Smithsonian Soils Exhibit Committee asks each member to either contact potential sponsors themselves, or get contact information to a member of the Committee.

At the most recent Fall Meeting, college students made up more than 20 percent of the total of those attending. The Smithsonian Soils Exhibit will serve as a valuable resource not only to educate young people, but to interest them in soil science as a discipline of study and perhaps a career.

The Committee thanks the following ISCA members\* for making a tax-deductible contribution toward the \$10,000 goal:

Mark Bramstedt	Les Bushue	Chris Cochran	Steve Elmer
Larry Gramm	Chuck Frazee	Jaimie Hammit	Don Johnson
Mike Konen	Bill Kreznor	Bob McLeese	Ken Olson
Bruce Putman	Todd Soukup	Mark Stelford	Earl Voss
Roger Windhorn	Steve Zwicker		

\*donors of record through 30 April 2006

Illinois is still about \$2,500 short of the goal. Fortunately, there is still time to add your name to the list of contributors for 2006. Tax-deductible contributions can be made online or by mail. Information about the exhibit, and contribution information and forms can be obtained at:

[www.soils.org/smithsonian](http://www.soils.org/smithsonian)

Please contact Committee members Mike Konen (State Liaison) at [mkonen@niu.edu](mailto:mkonen@niu.edu) or Bill Kreznor at [wm.r.kreznor@ameritech.net](mailto:wm.r.kreznor@ameritech.net) for more information or to provide contact information.

-submitted by Bill Kreznor

## U of I Soil Judging Team Advances

The University of Illinois came in 3rd in the regional soil judging contest hosted by University of Wisconsin, Platteville on October 6 and 7. There were 39 students from 5 Universities present. Olivia Dorothy from Illinois came in 9th overall. Purdue University took 1st and Platteville took 2nd. Other competing schools were University of Wisconsin at Stevens Point and Illinois State University.

The top three teams in the region will be invited to go to the National Contest to be held in April in Utah.

Illinois will be hosting the contest next October, so volunteers will be needed. The time and place for the Illinois contest is undecided at this point.

-submitted by Robert Darmody

## Mark McClain Named Principal Scientist/Project Manager at MACTEC

KENNESAW, GA, Oct. 31, 2006 – Mark McClain has been named Principal Scientist/Project Manager at MACTEC Engineering & Consulting (MACTEC E&C). Bruce C. Coles, president of MACTEC E&C and chairman & CEO of MACTEC, Inc., the holding company ([www.mactec.com](http://www.mactec.com)) - made the announcement.

“Mark brings to MACTEC more than 26 years of professional experience in soil science, wetland delineation, environmental permitting, expert witness testimony/litigation consulting and project management” said Kennesaw Vice President/Office Manager David Goershel. “Our Natural Resources Group is rapidly expanding and Mark’s expertise will be invaluable as we increase our services to commercial, industrial, private, government, and municipality clients.”

McClain is based in MACTEC’s Kennesaw office and is spearheading a number of projects, some of which include threatened and endangered species surveys, phytoremediation of a creosote-contaminated site in Georgia, waters/wetlands determinations for developers and municipalities, and soil science/soil classification support for geotechnical projects.

Prior to joining MACTEC, McClain was founder and president of Lafayette, IN-based Soil Horizons, Inc., a soil and environmental consulting firm that provided services in on-site soil and environmental investigations, wetland delineation, environmental permitting, and litigation consulting/expert witness testimony. Clients included private landowners and homeowners, engineers and surveyors, developers, small businesses and government agencies, some of which included the City of Springfield, IL, and Moline Consumers, Inc. (largest land developer in Illinois).

Before starting Soil Horizons, McClain was as a professor at Ball State University in Muncie, IN, teaching in the Department of Natural Resources and Environmental Management.

McClain was a contract consultant for USDA-NRCS, making farmed wetlands determinations/delineations in Indiana, and also worked on the USDA-NRCS National Cooperative Soil Survey in the state on several soil surveys. The soil survey program was a cooperative effort between the Indiana Department of Natural Resources and the United States Department of Agriculture-Natural Resources Conservation Service, to produce soil survey maps and reports (used by farmers, land use planners, engineers, and others who need information about soil resources).

McClain received a Bachelor of Science degree in biology and Master of Science degree in natural resources/environmental management from Ball State University. He also received a Master of Science degree in civil and environmental engineering from Purdue University. McClain has completed his coursework in civil and environmental engineering for his Ph.D from Purdue.

McClain is a certified professional soil scientist/soil classifier (CPSSc/CPSC), a certified professional in erosion and sediment control (CPESC), and a professional wetland scientist (PWS). He is a member of the Illinois Soil Classifiers Association, the Soil Science Society of America, Society of Wetland Scientists, and the National Society of Consulting Soil Sciences (he was president in 1996). McClain is licensed as a professional soil scientist in Indiana and Minnesota and certified with ISCA and is also certified in several other states.

MACTEC, based in Alpharetta, GA, is a \$436 million environmental, engineering, construction management, and infrastructure services firm with over 3,000 employees in over 90 offices nationwide.

-submitted by Mark Bramstedt

**ILLINOIS SOIL CLASSIFIER ASSOCIATION  
EXECUTIVE COUNCIL MEETING MINUTES (Draft)  
Saturday, October 21, 2006**

**The ISCA Executive Council met over lunch break during the Annual Fall Tour, held this year at Silver Ridge Golf Course north of Oregon in Ogle County.**

Executive Council members present: Calsyn, Elmer, Frazee, Gotsch, Heffter, Putman  
Mark Bramstedt also attended the meeting.

Meeting was called to order by President Clayton Heffter.

The minutes of the 8-17-06 Executive Council meeting were approved as read.  
The Treasurers Report for the period 8-16-06 to 10-18-06 was reviewed and approved.

The Council members commend Bruce Putman and the organizing Committee of Mike Konen, Bill Kreznor, and Steve Zwicker for a well planned and presented Fall Tour. It was suggested that the 2 morning power point presentations by Bruce and Mike on the soils and geology of the area and site be placed online for others' benefit.

Putman will submit expense invoices for the Fall Tour directly to Frazee, once he has received them all.

Mark Bramstedt reported on the status of the proposed changes to the State Health Code. Final recommendations on the changes has been submitted by the State Committee.

Mark also reviewed the archival ISCA membership application document files. This material is out-of-date and unneeded, once a person has obtained membership status. Mark has requested that the Executive Council make a recommendation regarding their disposition. Bruce Putman moves, Charles Frazee seconds, and the Council passes a motion to destroy the archival records.

President Heffter reports that he has received all the draft materials for the updated ISCA Informational Brochure from Doug Gaines, and is in the process of loading it onto a word publisher program. Bramstedt also gives Heffter a copy of Purdue University Rural Wastewater brochure.

The only other new item discussed was plans for the Spring Annual Meeting. It was suggested that the Springfield MLRA Office be asked to host and help organize the meeting in their area. President Heffter will contact them, solicit suggestions for main speaker, as well as possible meeting dates.

President Heffter waives the remainder of the meeting agenda. Next Council meeting will be held in early December, date to be announced later.

Motion is made, seconded, and passed to adjourn.

Respectfully, Steve Elmer, Secretary

**TRADING POST**

This spot is reserved for members who would like to buy, sell, trade, or announce an item, event, or activity in our newsletter.  
Please limit your classified ad to 25 words or less. Email your ad to the newsletter at [zach.weber@il.usda.gov](mailto:zach.weber@il.usda.gov)

- ISCA ball caps available for \$9 (includes S&H). Contact Steve Elmer at [torflagr@geneseo.net](mailto:torflagr@geneseo.net)
- Drummer T-Shirts available in 2 colors (see front cover). Short sleeve - \$12 Long sleeve - \$14

## Central States Forest Soils Workshop

The 26th annual CSFSW was held in the [Big Spring area near Poplar Bluff, Missouri](#) on October 10 - 12, 2006. The workshop was attended by 120 people from 10 states (Arkansas, Illinois, Indiana, Iowa, Kentucky, Missouri, Ohio, Tennessee, Texas and Wisconsin). Disciplines included soil scientists, foresters, ecologists, educators and land use managers. The workshop began with speakers from the Natural Resources Conservation Service, Missouri Department of Conservation, Forest Service and Lincoln University welcoming and introducing participants to the area. The next day and a half was spent exploring and learning about the soils and forestry conditions and plans at 5 different sites. (continued on page 9)

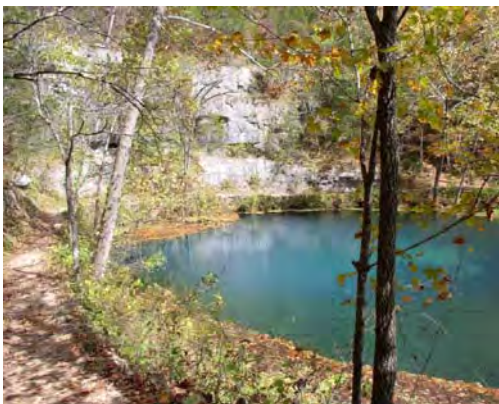
Below are pictures taken at the 26th Central States Forest Soils Workshop in Southeast Missouri by Troy Fehrenbacher and by Norm Stephens of Indiana. Other photos were copied from the Missouri NRCS website: [http://www.mo.nrcs.usda.gov/technical/soils/pres\\_seminars/workshops/forest\\_soils\\_photogallery.html](http://www.mo.nrcs.usda.gov/technical/soils/pres_seminars/workshops/forest_soils_photogallery.html).



Alley Spring - Mill



Alley Spring - Cabin



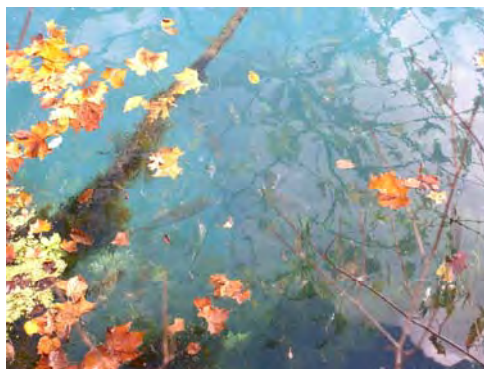
Alley Spring



Alley Spring - Mill



Alley Spring - Water gate at mill



Alley Spring - Fish in clear water





Sandbur Series-Coarse-loamy, silicious, superactive, nonacid, mesic Mollic Udifluvents

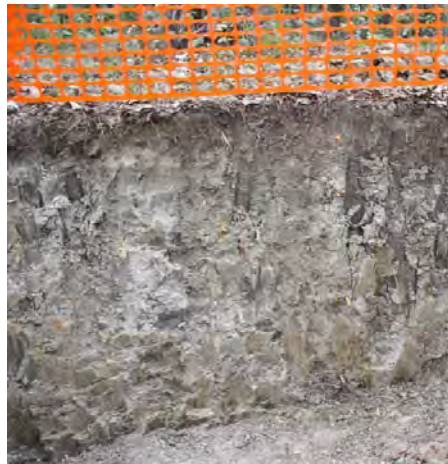
# More Photos - Central States Forest Soils Workshop



Fanchon Series-fine-loamy, silicious, semiactive, mesic Typic



Gatewood Series-Very fine, mixed, active, mesic Oxyaquic Hapludalfs



Bonn Series-fine-silty, mixed, superactive, thermic Glossic Natraqualfs



Reuter Series-Loamy-skeletal, silicious, active, mesic Typic Paleudalfs



Forestdale Series-fine, smectitic, thermic



Big Spring



Captina Series- fine-silty, silicious, active, mesic, Typic Fragiuudalts



This 8" diameter Pine root is stunted and flattened at the fragipan contact.



Alley Spring Mill

Sponsors for this year's workshop were:

Missouri Association of Professional Soil Scientists (MAPSS)  
 Missouri Department of Conservation (MDC)  
 Missouri Department of Natural Resources (MDNR)  
 National Park Service (NPS)  
 USDA-Natural Resources Conservation Service (NRCS)  
 USDA-Forest Service (USDA-FS)

## History

The Central States Forest Soils Workshop (CSFSW) came into existence during the Lake States Forest Council Meeting at Bloomington, Indiana in the fall of 1979. Individuals from Indiana, Illinois, Kentucky, Missouri and Ohio met and decided to form a separate forest soils group to focus on the soils and forests of the region. The name "Central States Forest Soils Workshop" was chosen for the group as a means of identifying the region involved and to signify that this would be a working group deeply involved in field trips and personal on-site discussions and experiences.

The CSFSW is loosely structured without officers or a chapter. It operates quite well on an informal, volunteer basis. Each year someone, or a group of individuals, volunteers to host the next year's workshop. A treasury accompanies the host responsibility.

The workshop's format has remained constant over the years and is planned for the 2nd or 3rd week in October. An evening overview session with guest speakers sets the background for the field trips. Field trips follow the next one and a half days. The field trips involve a number of stops that cover a wide variety of soil-site-forest conditions and open soil pits.

The workshop is currently in its 5th cycle and has met annually, except 1997, each October since 1979.

-copied from Missouri NRCS website

I collect Yearbook of Agriculture Reports. I often glean important information from them. For example, the following is from page 115 of the United States Patent Office Report on Agriculture dated 1860. This predates the USDA by 2 years. -Ron Collman

### HOW TO KNOW GOOD GUANO.

Although this question has been already examined in many of our journals, yet we think it will not be out of place to make the following observations, in order to give farmers the means of protecting themselves from adulteration of all kinds, of which guano has become the subject.

First, *Color of Guano*.—The color of coffee with milk is ordinarily that of good guano. If the color is too gray, it is because the guano is earthy. When it is browner, there is a considerable quantity of water in it.

Second, *Taste*.—The stronger the flavor of the guanos, as salt, piquant, and caustic, the richer they are in ammoniacal salts.

Third, *Smell*.—The smell of guano can scarcely serve as a means of comparison, for it varies with the degree of dryness or moisture. However, a smell of ammonia is a good sign.

Fourth, *Consistence*.—Good guano is ordinarily oily to the touch. It is in small grains, but sometimes in large pieces. If the guano be rich in azotes, the pieces, when broken, appear shining and crystallized. When the guano is of inferior quality, it is full of earth; it is bad if it contain many stones or gravel.

Fifth, *Flame*.—A small piece of good guano put on a thin blade of platina, and held over the flame of a spirit lamp, will blaze up, burn with a long flame, and leave a residue of charcoal ashes. Guanos poor in organic matter give out less charcoal.

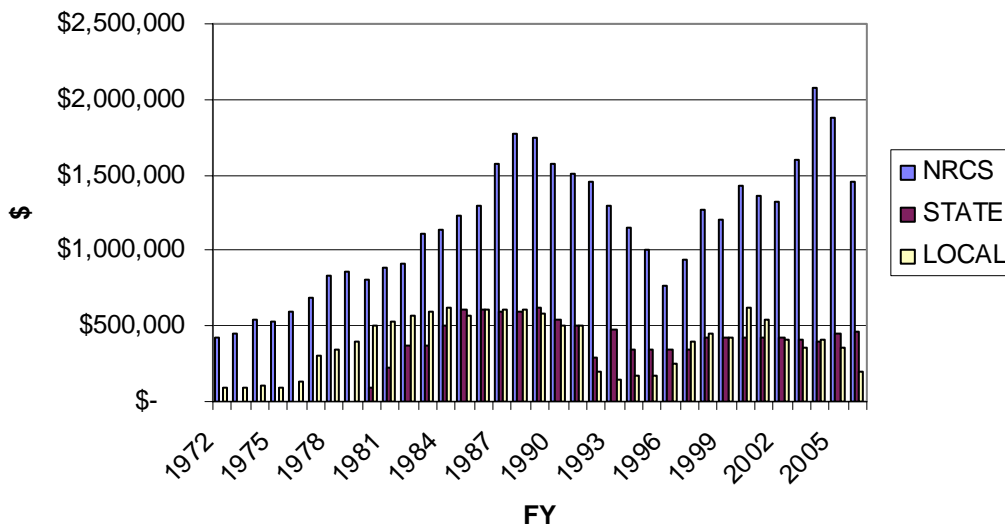
Sixth, *Testing it with quicklime*.—A piece of guano rubbed with a piece of quicklime emits a strong smell of ammonia.—From "Journal de la Société Centrale d'Agriculture de Belgique," January, 1859.



## Historical NRCS Staffing and Funding

FY	NRCS (field)	NRCS (field GIS)	NRCS (Resource Soil Scientist)	NRCS (S.O.)	NRCS (Support)	Total NRCS	County	Total
1972	30	0	0	3	1	34	0	34
1973	31	0	0	3	1	35	1	36
1974	31	0	0	3	1	35	2	37
1975	29	0	0	3	1	33	3	36
1976	30	0	0	3	1	34	4	38
1977	31	0	0	3	1	35	13	48
1978	32	0	0	4	1	37	17	54
1979	31	0	0	4	9	44	18	62
1980	31	0	0	4	4	39	19	58
1981	37	0	0	4	4	45	19	64
1982	40	0	0	4	4	48	29	77
1983	40	0	0	4	3	47	32	79
1984	36	0	1	4	3	44	32	76
1985	39	0	1	4	3	47	34	81
1986	35	0	2	4	4	45	36	81
1987	33	0	2	4	4	43	34	77
1988	41	0	2	4	4	51	33	84
1989	37	0	2	3	5	47	24	71
1990	33	0	2	4	5	44	23	67
1991	24	0	4	4	5	37	18	55
1992	19	1	7	4	5	36	7	43
1993	17	1	7	3	5	33	1	34
1994	19	1	7	3	5	35	1	36
1995	19	1	7	3	5	35	0	35
1996	17	2	7	2	5	33	0	33
1997	19	4	7	2	5	37	0	37
1998	19	5	7	2	5	38	0	38
1999	20	5	7	2	5	39	0	39
2000	20	6	8	2	5	41	0	41
2001	20	6	8	3	4	41	0	41
2002	20	5	8	3	4	40	0	40
2003	20	5	7	4	5	41	0	41
2004	24	5	7	4	5	45	0	45
2005	24	6	7	4	4	45	0	45
2006	24	5	7	4	4	44	0	44
2007	20	5	7	3	3	38	0	38

### Illinois Soil Survey Funding



-submitted by Bob McLeese

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### Submissions

This is **YOUR** newsletter. If you wish to submit material, here are some preferences.

- Send information by the last week of the month before the newsletter is scheduled to be published.
- Digital copy in Microsoft Word
- Use as little formatting (indents, bullets, charts) as possible. This increases the work to get it into Publisher.

### Publication Schedule

- Winter (February)
- Spring (May)
- Summer (August)
- Fall (November)



The Illinois Soil Classifiers Association is an organization promoting the wise use of the soil resource. ISCA is made up of professional soil classifiers in public service, private industry, and education and includes students and others interested in preserving soil. A soil classifier maps, describes and interprets soils according to a national system of soil classification. ISCA was established in 1975 and is affiliated with the American Registry of Certified Professionals in Agronomy, Crops, and Soils.

## Ethics, Certification and Membership Committee – Disposition of Records

The Ethics, Certification and Membership Committee recently received approval from the ISCA Executive Council to destroy the membership applications of all current and past members. Many of the applicants are no longer members and a few are deceased. Although the membership of ISCA is a trustworthy body of individuals, it is a risk and a liability for ISCA to maintain this information. The Committee had requested this action because of the concern of possible identity theft if the information would happen to fall into the wrong hands. ISCA is a self-governing association and is responsible to no other organization. We are accountable only to our own membership. We do not need to give proof of the credentials of our members to any other group or governing body. Therefore, there is no need to maintain personal records of our members.

The application form used for ISCA membership from its beginning through the mid 1990s contained places for social security number, date of birth, high school information and even the gender of the applicant. None of this information is relevant to ISCA membership. In addition, most of the information concerning address, phone, and experience in soil classification is outdated. The request for this kind of personal information was typical of various application forms before the computer age and before identity theft was more than doctoring a sibling's ID to use for underage drinking. Many of the applications also contained the college transcripts of the applicant, which often included DOB, SSN, address, etc.

On October 23, 2006 all applications for ISCA membership, including transcripts or any other personal information, was shredded and destroyed. ISCA membership records now contain only the current address, phone, e-mail and membership status. These records are maintained by the Secretary of ISCA. The ISCA Certification Board is also currently reviewing their records to determine what is pertinent information to retain for certified members.

Applicants for Associate or Full membership status must still submit proof of education (transcript required) and experience. To change membership status from Associate Member to Full Member, the soil classifier must re-apply (no fee is required for updating membership status) and provide documentation of the proper field experience or education. However, the Membership Committee will no longer keep permanent records of application. The transcripts will either be returned to the applicant or destroyed.

If you have previously served as the Chair or as a member of the Ethics, Certification and Membership Committee, please review any files for personal information that you may have kept. Please destroy any personal records of applicants that you might have received as part of the review for their membership. If you have any questions, please contact Mark Bramstedt, Chair of the Ethics, Certification and Membership Committee.

-submitted by Mark Bramstedt

Visit the ISCA website to see the color version of this newsletter

[www.illinoissoils.org/news](http://www.illinoissoils.org/news)

### Change of Address Form

Name: \_\_\_\_\_

Address: \_\_\_\_\_

City, State, Zip: \_\_\_\_\_

Phone: \_\_\_\_\_

E-Mail: \_\_\_\_\_

Member Status (Full, Associate, Student, etc.): \_\_\_\_\_

ISCA Newsletter  
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