



5/19/03

NEWSLETTER

Spring 2003

President's Column

Greetings from your new ISCA President! I'm looking forward to working with everybody in the upcoming year. We've got a lot of things going on in the organization, so it's important that we get as many members involved as possible. Here are some areas that each of you can contribute:

- ◆ Join a committee – this is an excellent way to play an active role in our organization. I would especially like to encourage our newer members to seriously consider this. The committee names and chairs are as follows:
 1. Constitution, By-laws, & Legislative: Bob Darmody (217.333.9489)
 2. Ethics, Certification, & Membership: Bruce Houghtby (815.344.4020)
 3. Finance: Don Fehrenbacher (815.577.3599 x3)
 4. Nominations: Lester Bushue (888.528.7483)
 5. Public Relations and Education/State Soil: Todd Soukup (815.439.6774)
 6. Program: Sam Indorante (618.453.5577)
 7. Historic (Ad hoc): Roger Windhorn (217.433.5293)
 8. Technical Criteria (Ad hoc): Bruce Putman (815.815.338.6218)

Please feel free to contact our committee chairs to see if you can participate.

- ◆ Pass along material for our newsletter – our newsletter editor, Matt McCauley, is constantly looking for good material to share in the ISCA newsletter. Please relay any information you think might be of interest to our soil scientist colleagues. Matt can be reached by phone at (618.438.4021 ext 110) or by e-mail at mattmc@midamer.net.
- ◆ Attend the summer meeting – our Program Chair, Sam Indorante, is working on an educational, fun-filled summer meeting for

us. Sam is putting together a program that emphasizes how soil information is used in the turf industry. Look for more details in the next newsletter!

- ◆ Participate at the "ISCA Booth" during the Farm Progress Show. Illinois is the Host State for the fall classic this year (Vermillion County). Ken Gotsch has assembled three or four other people to coordinate ISCA's contribution. Look for more details from Ken in our next newsletter.

Remember, it's your organization – there's a lot to be gained by being an active participant of ISCA!

Feel free to contact me if you have any suggestions or questions/concerns.

Regards,

Mark

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ISCA ANNUAL MEETING KEYNOTE ADDRESS

Professor Don Franzmeier from Purdue University was the keynote speaker of the 2003 ISCA Annual Meeting in Springfield.

Don spoke about the history of establishing professional registration of soil scientists/classifiers in the state of Indiana (Code 25-31.5). The professional registration is handled through the Office of the Indiana State Chemist. The following description of the Indiana Registry is from their website (<http://www.isco.purdue.edu/irss/>):

The Indiana Registry of Soil Scientists is a program that establishes ethical standards and education, examination, and work experience criteria for Indiana Registered Soil Scientists. Its purpose is to help protect the health and welfare of the people of Indiana and to protect its soil and water resources. Consulting soil scientists do soil and landscape evaluations that have environmental implications. Now, many evaluations are for onsite wastewater disposal (septic) systems. Soil evaluations are used to decide if a soil is suitable for an onsite system, determine the best design of a system, and inform system installers of soil problems they might encounter. If disposal systems are not suited to the soil or are improperly designed and installed, they may fail and cause pollution of surface or ground water. Thus, it is important to have soil and landscape investigations conducted by a competent soil scientist.

Education of the elected officials was a challenge in passing Indiana Code 25-31.5. There was a major need to educate State Senators and Congressmen on what the Registry of Soil Scientists would accomplish. This was done in part by giving presentations to the State Legislature Summer Study Group on Natural Resources for two successive years. The education hurdle was also overcome by hiring a lobbyist. The first time the bill was introduced it was scrutinized by professional engineers, geologists, and wetlands specialists who testified against it. Their concerns were considered when revising the original document.

After a lot of work the bill was finally passed in 2001! There are several aspects of this professional registration that go beyond what is required by ARCPACS. There is a Code of Professional Conduct each soil scientist must sign, which states that the applicant holds paramount the health and welfare of the public and the protection of soil and water quality. A field portion is added to the exam process. The written exam includes a component that tests on the soils of Indiana as well as general fieldwork. The education requirement stipulates at least 15 hours of soils coursework, although specialization in another science area is also allowed.

Thanks again to Dr. Franzmeier for a great talk on Indiana's experiences with getting a Registry of Soil Scientists. Perhaps some food for thought in Illinois?

Respectfully submitted.

Mark

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FARM PROGRESS SHOW 2003

Plans are already heating up for the 2003 Farm Progress Show. This year happens to be the 50th Anniversary of such an event, which will be held on the Clark-Gernand Farms near Henning, Illinois in Vermillion County. Dates are September 23rd through 25th. As usual, one of the displays will feature "Soils". The Soils Display Core Planning Group (SDCPG), pronounced any way you like, are busy making display plans. This year's approach to the soils display will be a bit different than in the past. Our theme will be "A - MAZE - ING SOILS", which will feature 32 Illinois soils including our State soil, Drummer Silty Clay Loam. A straw maze will bring show participants into contact with soils collected and displayed in the maze from around the state. (you were thinking "world"? Now that wouldn't that be interesting!!) In addition, a soils pit will be located in the maze for those interested in a good old fashion soil morphology lesson. Remember that we are in the early preliminary planing stages and as things usually go, don't be surprised if they go a bit atypical from what is reported here! The very most important thing we will need is volunteers and other assistance from ISCA's members. Ken Gotsch, Mark Bramstedt, Roger Windhorn and Steve Zwicker make up the soils planning group. Make every effort to contact one of these gentlemen with your support. We are always appreciative when strong organizations like NRCS/ISCA sponsors exhibits for public events, especially the Farm Progress Show.

Submitted by Ken Gotsch

Congratulations

The following members were elected as Officers at the annual meeting held March 29th, 2003:

Mark Bramstedt, President Elect
Don Fehrenbacher, Vice President
Chris Cochran, Secretary

Burton W. Ray Scholarship –

The award this year goes to Catherine Ruesken, a student at the University of Illinois-Urbana/Champaign. The award will be presented to Catherine at a later date.

Key For Determining Loading Rates

The Ad Hoc Committee for determining Loading rates needs your comments. Please, review the loading rates on the following table and contact:

Bruce Putman
1200 Portage Lane,
Woodstock, IL 60098
or at putman@mc.net.

Bruce will be taking comments until June 6th, 2003. This is your last chance for input before the loading rates become final. Your input would be greatly appreciated.

KEY FOR DETERMINING SEWAGE SUBSURFACE LOADING RATES (g/d/sq. ft.) FOR ILLINOIS SOILS (1)

Soil Description	Single Grain, weak Platy (2)	Granular, Angular and Subangular Blocky; Prismatic												Till (3)		
		Loess, Outwash, Alluvium Lacustrine(8)				Till (3)				Structureless or massive						
		Weak		Moderate, Strong		Weak		Moderate, Strong		Loess, Outwash, Alluvium, Lacustrine(8)		Till (3)				
	lo, vfr, fr	vfr, fr	f	vfr, fr	f	f	f	f	f	f	vfr	f	f	vfr, fr	f, vfr	
1. Fragmental; Enl. or vgrs	>1.00 (+)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2. s, lcs, ls, grs, cs, grts	1.00	1.00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3. fs, lfs, csl	.84	.91	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4. sl, fsl, grsl, grl, grsil	.75	.84	N/A	.75	N/A	.69	N/A	.75	N/A	.84	.75	.69	.84	.75	.69	.62
5. l, sil, v/sil, scl, si, v/s, lvfs, grcl	.62	.69	.62	.75	.62	.45	.40	.62	.52	.45	.62	.45	.62	.45	.27	N/R
6. sil, cl (<35% clay)	.52	.52	.45 (6)	.62	.52	.40	.27 (6)	.52	.40 (6)	.27 (6)	.20 (6)	.27 (6)	.20 (6)	.52	.45 (6)	.27 (6)
7. sil, cl (>35% clay)	.45 (6)	N/A	.40 (6)	.52	.40 (6)	.27 (6)	.20 (6)	.40 (6)	.27 (6)	.20 (6)	N/A	.20 (6)	N/R	N/R	N/R	N/R
8. sc, sil, clay(9)	N/A	N/A	N/A	N/A	.20	N/A	N/A	.20	N/R	N/A	N/A	N/R	N/A	N/A	N/R	N/R
9. Organics, Fragile, Lithic, Paralic																

SOIL PROPERTIES HAVE VERY SEVERE LIMITATIONS: SUBSURFACE DISPOSAL NOT RECOMMENDED

FOOTNOTES:

- 1) Disturbed soils are highly variable and require special on-site investigations.
- 2) Moderate or strong platy structures for the soil textures in Groups 4, 5 and 6 have a loading rate of 0.40 g/d/sq. ft. Platy structure having firm or very firm consistence and/ or caused by mechanical compaction has a loading rate of 0.0 g/d/sq. ft.
 - 3) Basal glacial tills structured by geogenic processes have the same loading rates as structureless glacial till.
- 4) This soil group is estimated to have very rapid permeability and exceeds the maximum established rate in Section 905. Illustration H, Exhibit A of this part.
 - 5) N/A means not applicable.
 - 6) These soil groups are estimated to have moderately slow to very slow permeability and is less than the minimum established rate in Section 905. Illustration H, Exhibit A of this part.
 - 7) N/R means not recommended. These soils have loading rates considered too low for conventional subsurface disposal.
 - 8) In some areas, lacustrine material may have physical properties similar to glacial till and should be placed in the glacial till columns.
- 9) Non-swelling (1:1 lattice clays) formed in bedrock residuum have a loading rate of .27 g/d/sq. ft. Swelling (2:1 lattice) clays are not recommended for subsurface disposal.

Proposed changes to the text of the State of Illinois Private Sewage Disposal Code:

Section 905.55 Subsurface Seepage System Design Requirements.

- a) Soil Investigation.
 - 2) The following persons are qualified.....
 - C) Delete paragraph regarding local health department employees. D) Delete paragraph regarding local health department employees.
 - 3) Delete sentence and replace with: "If conflicting soils investigation information is provided about a given site, a NRCS soil scientist that is a Certified Professional Soil Classifier may be requested to provide an additional opinion. "

Section 905.60 Subsurface Seepage System Construction Requirements.

- a) Seepage Field Requirements.
 - 1) Delete the second sentence: " The least permeable soil profile between the top of the gravel or gravelless pipe and the limiting layer shall be used to determine the size of the subsurface seepage system. "
 - 8)A) Delete the paragraph and insert the following.

"The least permeable soil profile layer between the top of the gravel or gravelless pipe to a depth of foot below the bottom of the seepage trench shall be used to determine the size of the subsurface system. For mound or at-grade systems, the upper two feet of the soil shall be used to determine system size. "

MINUTEES
ISCA COUNCIL MEETING
January 24, 2003
NRCS Field Office, Normal, IL

Present:

Lester Bushue, President
Mark Stelford, President-Elect
Karla Hanson, Past-President
Dale Calsyn, Vice-President
Bob Tegeler, Secretary
Jim Hornickel, Secretary/Treasurer, Certification Board
Mark Bramstedt, Chairperson, Ethics, Certification and Membership Committee

The Council Meeting was called to order by President Lester Bushue at 10:15 AM.

Secretary's Report - Bob Tegeler. The minutes of the August Council Meeting were approved as written by the council. Bob mentioned that dues notices were sent to 57 non-certified members in November, 38 have paid their 2003 dues. A dues reminder will be sent on February 1.

Treasurer's Report - Bob Tegeler handed out copies of the treasurer's report for the period since the last council meeting, showing a balance of \$10,835.27 as of January 23, 2002. He also handed out the treasurer's report for the year 2002, showing a balance of \$9579.52, as of December 31, 2002. The Treasurer's reports were approved as written by the council.

Certification Board - Jim Hornickel. No new applications for certification have been received. Currently there are 44 Certified ISCA Members, 40 have paid their 2003 dues. One member had to renew his/her certification, and has done so. A discussion ensued concerning the listing of both ISCA Certified and ARCPACS Certified Soil Classifiers, on the ISCA web page and the hard copy list provided to county health departments. A motion was made to add a brief definition of ARCPACS and the ARCPACS web address to the list of ISCA Certified Soil Classifiers that is sent to county health departments; the actual names of ARCPACS Certified Soil Classifiers will not appear on the list. The motion was approved by the council. The names of the ARCPACS Certified Soil Classifiers can be obtained by accessing the ARCPACS web site. It is not known if individuals who are strictly ARCPACS Certified Soil Classifiers can be identified as such on the ISCA web site.

Standing Committee reports

Constitution, By-Laws and Legislative - No report.
Ethics, Certification and Membership - Mark Bramstedt. There are no pending applications for membership at this time. He has mailed application information to interested individuals on request.

Mark mentioned that the supply of ISCA Membership Handbooks is getting low. An order for new handbooks will need to be considered in the near future. The Constitution, By-Laws and Legislative Committee will need to be contacted to determine where updates are needed as a result of amendments etc.; before the handbook can be reprinted.

Finance/ Web page - Dale Calsyn. Dale received the information, from Charles Frazee, necessary to conduct the audit for calendar year 2002. He will also be preparing the proposed budget for 2003. The Farm Progress Show will be held in Illinois in 2003, Dale will budget funds for this event. Karla Hanson will determine the amount budgeted for the last show. Printing of new membership handbooks will also be included in the proposed budget. Dale also mentioned that details concerning the upcoming Annual Meeting will need to be posted on the ISCA web page.

Newsletter - No report. The next newsletter will need to be printed prior to the Annual Meeting. It will need to include the ballot and date of the Annual Meeting.

Nominations - Karla Hanson. Thus far, two members have agreed to be on the ballot for the office of Vice President, and one member has agreed to be on the ballot for President.

Public Relations and Education

Committee/Special Appointee to State Advisory Commission on Private Sewage Disposal - No report.

Program - Lester Bushue reported that Scott Wegman had contacted two facilities in Springfield for the Annual Meeting. Mark Bramstedt will determine if there are any possibilities in Decatur, and Bob Tegeler will contact additional facilities in Springfield. Information will be provided to Scott. The Annual Meeting will be held on March 29, 2003. Possible speakers include Dr. Franzmeier, Dan Rooney, or an individual to discuss small business organization. Lester Bushue will contact Dr. Franzmeier first. The speaker will be paid mileage, a \$100.00 honorarium, lodging expense, and the noon meal expense. No motion was made concerning this

matter.

Ad Hoc Committees

Historic - No report.

Technical Criteria (Key to Wastewater Loading Rates) - No report.

Old Business

Region 3 Soil Judging Contest - Mark Bramstedt mentioned that he, Ken Gotsch, Bob McLeese, and Roger Windhorn, described the soil pits for the contest. Roger Windhorn and Bob McLeese attended the contest. Lester Bushue will contact Bob McLeese for contest results.

New Business

Illinois Registration of Soil Scientists - A discussion ensued concerning registration. If registration is pursued, Lester suggested that the Constitution, By-Laws and Legislative Committee, or an Ad Hoc Committee oversee the process. The possibility of having the Annual Meeting speaker discuss registration was considered.

ISCA Web site - A motion was approved by the council to put the ISCA membership application form on the ISCA web page, as a pdf file that could be downloaded by prospective members. A discussion ensued concerning the inclusion of email addresses of non-certified members on the ISCA web page. No decision was made concerning this matter. Lester Bushue discussed correspondence he received concerning the possibility of using some of the 25 email addresses that are available on the ISCA web page. The possibility of using some of the addresses for members of the Executive Council was discussed. Mark Stelford suggested designing the addresses so that email received could be forwarded to the individual's own email address. For example, an email sent to the ISCA President's ISCA web address could be forwarded to that individual's personal email address. Bob Tegeler will check with Bill and Jake Teater on this matter.

The next ISCA Council Meeting will be held on March 29, 2003, at 10:30 AM, at the Heritage House Restaurant in Springfield, IL.

The meeting adjourned at 12:05 PM.

Respectfully submitted,

Robert Tegeler, Secretary

The following Minutes have not yet been approved by the Council.

ISCA 28TH ANNUAL MEETING MINUTES

March 29, 2003

**Heritage House Restaurant,
Springfield, Illinois**

Welcome, and opening remarks by Lester Bushue, ISCA President

Invocation was given by Gerald Berning.

Approximately 26 members and guests were in attendance.

A buffet style lunch was served.

President Lester Bushue called the business meeting to order at 1:00 PM.

Secretary's Report - Bob Tegeler reported that he prepared minutes for the six Executive Council Meetings held since the last annual meeting. The ISCA database was coordinated with Charles Frazee, ISCA Treasurer; and Jim Hornickel, Secretary/Treasurer of the Certification Board. Membership address updates were submitted to Matt McCauley, ISCA Newsletter Editor; and Jake Teater, ISCA Web Master. One member, Mark Matusiak, has decided to discontinue membership in ISCA. Currently there are 101 members of ISCA.

Treasurer's Report - Charles Frazee reviewed income and expenses for the past year. He mentioned the inventory of shirts, caps, magnets, and ISCA cards. Charles also reminded ISCA Members to contact him if they have paid their *Soil Survey Horizons* subscription. ISCA will refund the subscription fee to those ISCA Members who have paid the fee.

Certification Board - Gerald Berning, Chairperson. Currently there are 43 ISCA Certified Members. Cliff Miles has decided to no longer remain certified, but will continue as a Full Member of ISCA. A discussion ensued concerning the list of ISCA Certified Soil Classifiers that is sent to County Health Departments. The list will contain the ISCA Certified Soil Classifiers, and a web site that can be accessed to determine the ARCPACS Certified Soil Classifiers who are consulting in Illinois.

Special Appointee to State Advisory Commission on Private Sewage Disposal - No report.

Illinois Conservation Congress - Pat Kelsey

reported that the 5th Cycle of the congress is underway. Each cycle lasts approximately 3 years. ISCA will not have a statewide delegate in the congress this cycle. Pat Kelsey is a regional delegate, and Roger Windhorn is the alternate delegate. Pat also reported that Governor Blagojevich will decide if the Conservation Congress will continue, in light of the budget situation in Illinois. The Conservation Congress develops proposals that are brought before the Illinois Congress. Past items include the *Jim Edgar Panther Creek State Fish and Wildlife Area*, and the vehicle license plates highlighting wildlife. Participation in the congress increases public awareness of ISCA. The next Conservation Congress will be held during Labor Day weekend, 2004. ISCA will apply for the 6th Conservation Congress approximately one year from now.

Call for Ballots - A final call for ballots was made.

Committee and Ad Hoc Committee Reports

Constitution, By-Laws and Legislative – No report.
Ethics, Certification and Membership – Mark Bramstedt, Chairperson. The committee this year consisted of Gloria Westphall, Sam Werner, and Mark. The committee received two applications for membership. The committee approved one application for Full Membership and one application for Associate Membership. The committee also received and approved one request to upgrade membership status from Affiliate to Full Member. Mark mentioned that the committee received five inquiries for ISCA membership information, during the past year. These inquiries were a result of the ISCA web page. A membership handbook and an application for membership was mailed to each individual. The committee received no additional responses from these individuals.

Finance/ISCA Web page – Dale Calsyn, Chairperson. The Finance Committee this year consisted of John Doll, Bill Teater, and Dale. The committee audited the books of the Illinois Soil Classifiers Association for calendar year 2002, and found that the books were in order and accounts verified. The bank balance as of December 31, 2002 was \$9579.52. The proposed budget for 2003 was reviewed, and included \$4500.00 in estimated expenses. The 2003 budget was approved by the Executive Council, at the council meeting held prior to the annual meeting. Dale also reported that during the May 17, 2002 Council Meeting, the Executive Council approved a motion designating the ISCA Vice-President as the Chairperson of the Web Page

Ad Hoc Committee.

Newsletter – No report.

Nominations – No report.

Public Relations and Education – No report.

Program – Scott Wegman, Chairperson. Lester Bushue expressed a word of thanks to Scott for his efforts this year in planning the summer/fall meeting and the annual meeting. The summer/fall meeting was held August 23 and 24, 2002 in Quincy, Illinois, and included a tour of three soil sites in Missouri.

Historic – No report.

State Soil – At the May 17, 2002 Council Meeting, a motion was approved by the Executive Council to merge the State Soil Committee into the Public Relations and Education Committee. This motion was based on a request by Robert McLeese, Chairperson of the State Soil Committee, to discontinue the committee since Drummer has been designated as the State Soil.

Technical Criteria (Keys to Wastewater Loading Rates) – No report.

OLD BUSINESS

Region 3 Soil Judging Contest - The contest was held in Champaign County on October 19, 2002.

Soil Survey Planning Conference - Lester Bushue attended the conference and provided a report on ISCA activities during the past year. The conference was held on September 19, 2002.

NEW BUSINESS

United States Consortium of Soil Science Associations (USCSSA) - Soil Monolith Project - Lester Bushue reported that he participated in a teleconference of the consortium. The USCSSA is assisting with a fund raising effort to establish a Soils Exhibit at the Smithsonian Institution, the display would include soil monoliths from each state. Total cost of the display is estimated at 1 to 3 million dollars, with \$10,000.00 requested from each state. This money would be needed within 2 to 5 years. Chris Cochran volunteered to serve on an Ad Hoc Committee, if one is needed for this effort. Mark Stelford will assist Chris. More information is located on the back page of the 2003 Soil Planner.

Burton W. Ray Scholarship – The award this year goes to Catherine Ruesken, a student at the University of Illinois-Urbana/Champaign. The award will be presented to Catherine at a later date.

Farm Progress Show - A committee has been established to prepare for the show. Ken Gotsch is the Chairperson.

Association of Illinois Soil and Water

Conservation Districts (AISWCD) - Expo Booth - Lester Bushue was contacted by the AISWCD to

determine if ISCA is interested in having a booth at the July Expo. A response is needed by April 15, 2003. A booth would cost \$250.00, electricity would be an additional \$30.00. No action was taken on this matter.

Election Results – Mark Bramstedt, President-Elect; Don Fehrenbacher, Vice-President; and Chris Cochran, Secretary.

The Keynote Address – The address was presented by Dr. Don Franzmeier, Professor, Department of Agronomy, Purdue University, West LaFayette, Indiana. Dr. Franzmeier discussed the history of registration of Soil Scientists in Indiana. He also discussed ongoing research related to the detection of reducing conditions in the soil.

Bent Auger Award – No nominations were received, so the Bent Auger Award remains with the last recipients, Ron Collman and Sam Werner.

Passing of the Gavel – President Lester Bushue handed the gavel to incoming President Mark Stelford. Mark urged members to submit articles to the ISCA Newsletter.

2003 ISCA Officers and Committee Chairpersons

Executive Council

President – Mark Stelford
Vice-President – Don Fehrenbacher
Treasurer – Charles Frazee
Secretary – Chris Cochran
Past-President – Lester Bushue
President-Elect – Mark Bramstedt

Committees

Nominations – Lester Bushue
Finance – Don Fehrenbacher
Newsletter – Matt McCauley
Public Relations and Education – Pending,

to be approved at upcoming council meeting

Constitution, By-Laws, and Legislative -

Robert Darmody

Ethics, Certification and Membership –
Bruce Houghtby, to be approved at upcoming council meeting

Program – Pending, to be approved at upcoming council meeting

Ad Hoc Committees

Historic – Roger Windhorn
Special Appointee to State Advisory Commission on Private Sewage Disposal – Don Fehrenbacher
Technical Criteria – Bruce Putman
Web Page - Don Fehrenbacher

Certification Board Members

Chairperson - Pending, to be approved at upcoming council meeting

Jim Hornickel, Secretary-Treasurer

Steve Elmer

Doug Gaines

Dana Grantham

Bill Kreznor

Pat Kelsey

Illinois Conservation Congress Delegate- Pat Kelsey;
Alternate Delegate- Roger Windhorn.

The meeting adjourned at 2:30 PM.

A brief Executive Council Meeting followed.

Present:

President – Mark Stelford

President-Elect – Mark Bramstedt

Past-President – Lester Bushue

Treasurer – Charles Frazee

Secretary – Chris Cochran

Past-Secretary - Bob Tegeler

Mark Stelford will finalize the committee chairs.

Mark Stelford will also provide Chris Cochran with information pertaining to the Soil Monolith Project.

Efforts in regard to the monolith project could possibly be handled by the Public Relations and Education Committee.

The next ISCA Council Meeting will be held May 23, 2003, at 10:00AM, at the NRCS State Office in Champaign, IL.

The meeting adjourned at 3:00PM.

Respectfully submitted,

Robert Tegeler Secretary

Name	Address - line 1	Address - line 2	City, State	Phone
John D. Alexander	2607 Melrose Dr.		Champaign, IL 61820	(217) 356-4649
Kenneth N. Anderson	Kane Co. Dept. of Env. Mgt	719 Batavia Ave.	Geneva, IL 60134	(630) 208-3179
Dennis Anthony	4833 Owen Center Road		Rockford, IL 61101	(815) 987-4249-ext1130
Gerald V. Berning	2811 Brown Street		Alton, IL 62002	(618) 465-9336
Richard Boniak	724 Drury Rd		Carbondale, IL 62901	(618) 351-9555
Mark W. Bramstedt	USDA NRCS	1001 East Grant Street, Suite A	Watska, IL 60970	(815) 432-6639-ext113
Paul E. Brown	%Andrews Engineering	215 W. Washington Street	Pontiac, IL 61764	(815) 842-2042
Lester J. Bushue	Bushue Soil Consulting	1911 Scottsdale Drive	Champaign, IL 61821	(217) 359-7447
Dale Calsyn	117 Laurie Lane		Oswego, IL 60543	(630) 554-3965
Paul Chase	Chase Environmental Services, Inc.	3900 S. Mulford Rd.	Rochelle, IL 61068-9626	(815) 562-5158
Chris Cochran	1515 Casselbury Lane		Champaign, IL 61822	(217) 359-4098
Roa Collman	1407 New England Dr.		Charleston, IL 61920	(217) 348-1946
Tom Copenhaver	1110 Beverly Dr.		Lake Villa, IL 60046	(847) 265-6042
Laura L. Craven	761C Columbine Village Dr.		Woodland Park, CO 80863	(719) 686-9408
Tom D'Avello	806 Cedar Ridge CT.		Mahomet, IL 68153	(217) 586-5011
Robert G. Darmody	1102 S. Goodwin		Urbana, IL 61801	(217) 333-9489
Jeff Deniger	2 S. 621 Wembly		Warrenville, IL 60555	(630) 393-3713
John C. Doll	1702 Harrington Drive		Champaign, IL 61821	(217) 398-3040
Darryl Einhorn	Village of Barrington Hills	112 Algonquia Rd.	Barrington Hills, IL 60010-5199	(847) 551-3003
Steven L. Elmer	27892 Ebenezer Rd.		Geneseo, IL 61254	(309) 944-0441
Tozie J. Endrés	USDA NRCS	6013 Lakeside Blvd	Indianapolis, IN 46278	(317) 290-3200-ext372
Donald J. Fehrenbacher	USDA NRCS	313 - J Naperville Road	Plainfield, IL 60544	(815) 577-3599-ext3
Bryan Fitch	2904 Delora Lane		Herrin, IL 62948-3703	(618) 942-5837
Leon Follmer	808 Vista Dr.		Savoy, IL 61874	(217) 359-2090
John W. Ford	RR 1 Box 248		Greenfield, IL 62044	(217) 368-9162
Charles J. Frazee	65 Gaffney Road		Divernon, IL 62530	(217) 628-3518
Paula French	138 South Iowa St.		Dodgeville, WI 53533	
Douglas B. Gaines	8611 Wieseman Road		Worden, IL 62097	(618) 459-8619
Kenneth Gotsch	RR 3 Box 246		Shelbyville, IL 62565	(217) 774-5182
William J. Gradle	3803 Deerfield Dr.		Champaign, IL 61821	(217) 359-3803
Lary L. Gramm	7325 Janes Avenue Suite 100		Woodridge, IL 60517	(630) 724-9200
Dana R. Grantham	9238 N. 15th Avenue		Butler, IL 620152301	(217) 532-5285
Gary Greenwood	9026 Blue Ridge Road		Alton, IL 62002	(618) 372-3380
Jaimie W. Hamunit	APSSC, Soil Scientist, REG Proj. Mgr	111 N. Canal St. #600	Chicago, IL 60606	(312) 353-6400-ext4033
Karla Hanson	3022 Waters Edge Circle		Aurora, IL 60504	(630) 236-5795
Thomas M. Hanzely	Project Scientist, Roy F. Weston Inc.	750 E. Bunker Court, Suite 500	Vernon Hills, IL 60061-1450	(847) 918-4135
Scott D. Harding	9833 Lower Marine Road		Marine, IL 62061	(618) 644-8171
Clayton Heffter	826 Burnham Ln.		Batavia, IL 60510	(630) 879-3418
James K. Hornickel	104 Cornell Drive		Normal, IL 61761	(309) 862-2500
Bruce J. Houghby	4314-A Crystal Lake Road		McHenry, IL 60050	(815) 344-4020
Samuel J. Inderante	615 S. Wedgewood Lane		Carbondale, IL 62901	(618) 529-3586
Lester A. Johnson	900 Alexander		Galena, IL 61036	(815) 777-1270
Jane Johnson	411 East Clare		Pittsfield, IL 62363	(217) 285-2331
Don Johnson	713 S. Lynn		Champaign, IL 61820	(217) 356-7437

Dennis Keene	601 E. Pennsylvania		Urbana, IL 61801	(217) 337-1830
Patrick D. Kelsey	Christopher B. Burke Eng.	9575 W. Higgins Rd, Suite 600	Rosemont, IL 60518	(630) 443-7755
Linus M. Kiefer	103 Wilson Drive		Waukegan, IL 60970	(815) 432-5741
Mary A. Kluz	Marathon County UW-Extension	212 River Dr., Ste 3	Wausau, WI 544035476	(712) 261-1241
Michael Konen	NIU Dept of Geography	118 Davis Hall	Dekalb, IL 60115	(815) 753-6849
William R. Krezmor	904 Powers Road		Woodstock, IL 600982702	(815) 338-2362
David Krumwiede	RR2 #21		Sumner, IL 62466	(618) 936-2084
Michael Kuhn	929 Hickory St.		Waukegan, IL 60085	(847) 249-1509
Jessica S. Kurylo	607 E. Peabody Dr		Champaign, IL 61821	(217) 244-0692
Carol Latowski	Box 397 231 Baldwin		Sharon, WI 53585-0397	(262) 736-9458
Gary W. Lenz	3925 J J Road		Waterloo, IL 622982711	(618) 939-4986
Michael E. Lilly	214 Dublin Court		Brandon, MS 390478051	(601) 992-2562
Charles Love	708 Belmonte Dr.		Auburn, AL 36830	(334) 887-4517
Richard Macho	5 Ginger Woods Court		Glen Carbon, IL 62034	(618) 659-1971
Roy L. Mahnesmith	1001 Phyllis		Princeton, IL 61356	(815) 872-0614
Rex Mapes	41 Highmeadows Circle		Powell, OH 43065	(740) 548-6788
Ana M. Mason	Strata Environmental	c/o Ann M. Mason PO BOX1344	Lombard, IL 60148	(630) 627-9522
William M. McCauley	1571 Club Road		Cartersville, IL 62918	(618) 438-4021-ext110
Mark S. McClain	Soil Horizons, Inc.	1300 Drawbridge Lane	Lafayette, IN 479057814	(800) 288-7645
Robert L. McLeese	1076 Bucks Pond Road		Monticello, IL 61856	(217) 762-7697
Clifford C. Miles	510 Keane Lane #1		Terra Haute, IN 47803	(812) 877-2225
Vonda Miller	206 18th Ave		Sterling, IL 61081	(815) 625-5168
Jarvis Mulcahy	N 7842 Hillside Dr.		Whitewater, WI 53190	(262) 473-1897
Patti Nomm	McHenry Co. Dept. of Health	2200 N Seminary Ave	Woodstock, IL 60098	(815) 334-4585
Robert P. OJA	1143 N. Seminary Ave	Box 168	Woodstock, IL 60098	(815) 338-0099-ext3
Ken Olson	3009 Kyle		Urbana, IL 61802	(217) 384-4335
Dale Parker	E 12325 Lowery Rd.		LaFarge, WI 54639	(608) 625-4033
John Paschke	23741 Old Port Rd. #101		Bonita Springs, FL 34135-1716	(941) 992-4035
John R. Pearce	309 S. State Hwy 1		West Union, IL 62477	(217) 279-3651
Don Phillips	R.R. 1, Box 14		Shobonier, IL 62885	(618) 846-2202
Brace R. Putman	1200 Portage Lane		Woodstock, IL 60098	(815) 338-6218
David B. Rahe	828 S. Oak Street		Hillsboro, IL 62049	(217) 532-6887
Elmer L. Readle	103 Dogwood Dr.		St. Augustine, FL 32080	(904) 471-6477
Loyal Reinebach	1022 S. 21st St.		Quincy, IL 62301	(217) 228-8758
Richard Rust	1922 Autumn		St. Paul, MN 55113	(651) 644-9514
Larry Sabata	3030 SE Aries Ave.		Topeka, KS 66605	(785) 267-5091
J Wiley Scott	411 N. Dorchester Drive		Mahomet, IL 618539539	(217) 586-4233
Martha E. Sheppard	RR 1, Box 109B		Pearl, IL 62361	(217) 829-4409
John Skrip	3900 W. Bryn Mawr Ave #205		Chicago, IL 60659	(773) 279-9225
Todd A. Soukup	P.O. Box 651		Plainfield, IL 60544	(815) 439-6774
Mark Stelford	12140 Aldrich Rd.		Sycamore, IL 60178	(815) 895-9666
Steven E. Suhl	101 Deer Creek Road		Rochester, IL 62563	(217) 498-8511
Catherine A. Swain	1119 Southgate Ct		Aurora, IL 60504-8971	(630) 851-3254
William M. Teater	10469 Locust Rd.		Tremont, IL 61568	(309) 925-5905
Robert A. Tegeler	124 Joan Dr.		Divernon, IL 62530	(217) 625-7603

Earl E. Voss	4009 Farhills Drive		Champaign, IL 61822	(217) 352-3089
Donald D. Walker	1641 E. County Road 1800		Carthage, IL 62321	(217) 746-8601
Michael B. Walker	205 Co. Rd. B2 East #242		Little Canada, MN 55117	(651) 481-0994
Donald L. Wallace	643 North Kansas		Edwardsville, IL 62025	(618) 656-8230
Scott W. Wegman	Klingner and Associates	616 North 24th St	Quincy, IL 62301	(217) 223-3670
Benny J. Weiss	755 Walnut Grove Road		Harrisburg, IL 62946	(618) 252-4292
Sam Werner	320 Jackson St.		Westfield, IL 62474	(217) 967-5381
Gloria J. Westphal	31849 117th Street		Twin Lakes, WI 53181	(262) 862-2232
Daayne R. Williams	111 N. Almond St.		Carbondale, IL 62901	(618) 457-4946
Roger D. Windhorn	P.O. Box 6232		Champaign, IL 61826	(217) 433-5293
Steven E. Zwicker	251 Country Rd., 1550N		Bradford, IL 61421	(309) 897-7416



NEWSLETTER

Summer 2003

ISCA Summer Meeting Update

You've probably been wondering why there hasn't been any notice about the summer meeting so far. As a quick update, the Program Committee has been hard at work trying to set up a meeting between the ISCA and the Golf Superintendents of Northern Illinois (thanks Don!). The Superintendents gave a tentative commitment to do a joint meeting earlier this summer, but they have not been responding to further inquiries since then. Blame it on a busy summer golfing season I guess. Either way we hope to be able to hold such a joint meeting with the superintendents next year.

We will be sending out a separate notice as to details of the "Summer Meeting" probably to be held in October in Northern Illinois.

Regards,

Sam Indorante
ISCA Program Chair

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August 16, 2003

President's Column

Greetings from Northern Illinois! I hope that you are having a productive summer. In July I had the opportunity to attend the International Soil & Tillage Research Organization Triennial Conference in Brisbane, Australia. Efforts to improve our understanding of soil response to different crop management systems are generating a lot of interest. One of the things that made a deep impression on me was the state of soil mapping in other parts of the world. The international delegation included representatives from over 30 different countries and it was educational to learn about the state of soil information transfer to the various user communities. Many countries have coarse country-wide soil information, but there seems to be a lack of more detailed 2nd order soil survey information. Increasing the resolution of soil information is a focus of several select efforts. Examples of this are the detailed soil mapping for wine vineyard layout (one backhoe pit characterized per acre) and Graham Shepherd's work in New Zealand to help growers do visual soil assessment to determine limitations for crop growth. Digital penetrometers continue to be an area of study as soil scientists try to quantify the impact of field operations on crop growth conditions.

Lots of interesting things are happening in soil science from agriculture to urban land use issues. Our discipline continues to evolve, along with the rest of the scientific community, to address more real-world challenges, many which are global in nature. The applications of soil information seem to increase with time. Soil scientists are being called upon not only to help in matters of landuse planning (e.g., 2nd order soil survey updates, wetland delineations, septic field sitings) but new application areas as well (e.g., impact of tillage equipment on soil conditions, golf course layout, non-invasive drain tile detection). New methods for sensing soil attributes may enable soil scientists to increase the spatial resolution of their observations, focus more on soil attribute mapping, and help provide more interpretations of potential impact of soil properties on different applications. It is an exciting time to be in soil science!

Feel free to contact me if you have any suggestions, questions, or concerns.

Regards,

Mark
Mark Stelford
815.761.0220
mark.stelford@EarthAgConsulting.com

International Soil & Tillage Research Organization (ISTRO)
<http://www.istro.org>

2003 Conference (16th Triennial): Soil Management for Sustainability
13-18 July 2003
The University of Queensland
Brisbane, Australia

Meeting Highlights:

1. Controlled Traffic Farming (CTF)
 - Reduction of field area trafficked from 20-30% to 15% when CTF is employed
 - Increase in Plant Available Water Holding Capacity (PAWHC) in soil and better seedbeds resulting in better crop production
 - Several documented yield increases overall (including wheel tracks) using CTF and direct seeding techniques.
 - 30% cost reduction (large part from reduced horsepower requirements)
 - Improved timeliness of field operations
 - One major challenge with CTF: establishment/maintenance of traffic alleys (potential for severe erosion and/or too wet to access).
 - Significant trend toward CTF in Australia: 5% of growers representing approximately 1 million hectares (2.5 million acres).
 - Typical dryland rotation: summer crop (rainy season) grain sorghum or mung beans; winter crop (dry season) wheat or chick peas
 - Unique soils of Australian agricultural production (Vertisols) & dryland environment of Queensland both accentuate the benefits of controlled traffic farming. Several growers noted that soil moisture is the most important thing to monitor/manage on their farm.



2. Conference field trip included a demonstration of a 3-point mounted Rimik penetrometer system (can be moved across the back of the tractor and the push rate is controlled by a hydraulic cylinder)



3. Limited field level soil information in New Zealand has predicated the development of a soil physical assessment method used by growers to determine any physical soil limitations for crops at a site.

The United States Consortium of Soil Science Associations (USC SSA) is a new framework established to promote national communication and coordination between soils societies / associations. There are currently 48 individual state soil societies / associations. The ultimate goal is for all soil societies/associations to excel in sharing information and working together in promoting common goals, objectives, and activities.

USC SSA can be found on the web at:

<http://soilsassociation.org/uscssa/search.htm>

The USC SSA includes the following organizations (official contact, addresses, and email for each organization are included under *Membership*):

- ✱ Professional Soil Classifiers Association of **Alabama**
- ✱ State Board of Registration for Professional Soil Classifiers - **Alabama**
- ✱ Alaska/Yukon Society of Professional Soil Scientists
- ✱ Soil Science Society of **America**
- ✱ Arkansas Association of Professional Soil Classifiers
- ✱ Arkansas State Board for Registration of Professional Soil Classifiers
- ✱ Professional Soil Scientists Association of **California**
- ✱ Florida Association of Environmental Soil Scientists
- ✱ Soil Science Society of **Georgia**
- ✱ Idaho Soil Scientists Association
- ✱ Illinois Soil Classifiers Association
- ✱ Indiana Association of Professional Soil Classifiers
- ✱ Indiana Registry of Soil Scientists Board
- ✱ Professional Soil Classifiers of **Iowa**
- ✱ Kansas Association of Professional Soil Classifiers
- ✱ Kentucky Association of Soil Classifiers
- ✱ Maine Association of Professional Soil Scientists
- ✱ Mid-Atlantic Association of Professional Soil Scientists
- ✱ Soil Classifiers Association of **Michigan**
- ✱ Minnesota Association of Professional Soil Scientists
- ✱ Professional Soil Classifiers Association of **Mississippi**
- ✱ Missouri Association of Professional Soil Scientists
- ✱ National Society of Consulting Soil Scientists
- ✱ Nebraska Society of Professional Soil Scientists
- ✱ New Hampshire Association of Natural Resource Scientists
- ✱ Society of Soil Scientists of **Northern New England**
- ✱ New Jersey Association of Professional Soil Scientists
- ✱ New Mexico Soil Science Society
- ✱ Empire State (**New York**) Pedologists
- ✱ Soil Science Society of **North Carolina**
- ✱ North Carolina Board for Licensing Soil Scientists
- ✱ Professional Soil Classifiers Association of **North Dakota**
- ✱ Association of **Ohio** Pedologists
- ✱ Professional Soil Scientists Association of **Oklahoma**
- ✱ Oregon Society of Soil Scientists

- ✦ **Pennsylvania Association of Professional Soil Scientists**
- ✦ **Soil Science Society of South Carolina**
- ✦ **South Carolina Land Resources Commission**
- ✦ **Professional Soil Scientists Association of South Dakota**
- ✦ **Society of Soil Scientists of Southern New England**
- ✦ **Soil Scientists Association of Tennessee**
- ✦ **Professional Soil Scientists Association of Texas**
- ✦ **Utah Society of Soil Scientists**
- ✦ **Virginia Association of Professional Soil Scientists**
- ✦ **Washington Society of Professional Soil Scientists**
- ✦ **West Virginia Association of Professional Soil Scientists**
- ✦ **Wisconsin Society of Professional Soil Scientists**
- ✦ **Association of Women Soil Scientists**

Goals and Objectives

Goal:

To promote communications and visibility of state professional soil scientists societies / associations and similar societies / associations in the United States on common soil survey issues including soil interpretations, acquisitions, applications of soil survey data, and outreach to general public and elected decision makers in wise use of science-based soil survey information for protection and management of the nation's soil resources.

Objectives

1. Enhance Communications and Networking among Societies/Associations

- A. Develop and maintain a national web site.
- B. Provide a listing of the current official contacts for each Society/Association.
- C. Provide a description/briefing on current state society / association activities.
- D. Maintain the addresses (both US mail and electronic) of all consortium membership.
- E. Develop a web link to periodical newsletters prepared by the consortium membership.
- F. Promote exchange of ideas and networking among colleges, universities, federal-state- local units of government, non-government organizations and the private sector.

2. Outreach to General Public and Decision Makers

- A. Prepare a National brochure on the names, membership and goals of state soil scientists societies / associations and similar societies / associations.
- B. Develop and make available a listing of societies / associations in which the membership is certified by the State and/or ARCPACS.
- C. Develop and make available a reference of library-type information on the process and historical experiences in getting state certification.

- D. General information on the official soil for each state.
- E. Encourage each professional soil scientists society / association to identify and develop liaison with elected local, state and federal officials and legislators.
- F. Engage in public policy development related to land use and environmental issues.

3. Technical Issues - Policy, Application, Operations and Science

- A. Provide access to and recommendations on the use of soils information for land use and environmental activities. Examples of such activities are site assessment, urban soil interpretations, wetland management, land evaluation, and precision farming.
- B. References on kinds of existing and planned federal, state, and local regulations on use of soil information in resource assessments.

4. Listing of Available Training and Workshops

- A. Reference source of training available by the Society, consulting or private, federal agencies and university for personal development and credits for CEU (Continuing Education Unit) in ARCPACS.
- B. Use of Consortium web site as a vehicle to share training lesson plans, visual aids, demonstrations, etc.
- C. Develop a speakers bureau that will serve as a resource to the public and private sectors on the interpretation and use of soils information.
- D. Fostering development and providing training, e.g., symposia and workshops specifically designed for accreditation maintenance.

5. Contact list of potential soil scientists available for contracting or working with the general public, local government, state government and federal agencies on individual, or long term project type Soil consulting services.

- A. Maintain a web-site contact for those interested soil scientists to have their address and professional references listed that would be available to private industry, state and local units of government and federal agencies as a potential source of contact for soil survey services.

6. Professional Recognition

- A. Each year the Consortium will recognize: 1) an outstanding state professional soil society / association from its membership and 2) an individual outstanding soil scientist for their contribution of soil survey information to the public and the consortium
- B. Foster professional pride and spirit.

C. Promote certification, registration and licensing, which are essential to raising the visibility and credibility of all soil scientists.

FARM PROGRESS SHOW 2003

Plans are already heating up for the 2003 Farm Progress Show. This year happens to be the 50th Anniversary of such an event, which will be held on the Clark-Gernand Farms near Henning, Illinois in Vermillion County. Dates are September 23rd through 25th. As usual, one of the displays will feature "Soils". The Soils Display Core Planning Group (SDCPG), pronounced any way you like, are busy making display plans. This year's approach to the soils display will be a bit different than in the past. Our theme will be "A - MAZE - ING SOILS", which will feature 32 Illinois soils including our State soil, Drummer Silty Clay Loam. A straw maze will bring show participants into contact with soils collected and displayed in the maze from around the state. (you were thinking "world"? Now that wouldn't that be interesting!!) In addition, a soils pit will be located in the maze for those interested in a good old fashion soil morphology lesson. Remember that we are in the early preliminary planning stages and as things usually go, don't be surprised if they go a bit atypical from what is reported here! The very most important thing we will need is volunteers and other assistance from ISCA's members. Ken Gotsch, Mark Bramstedt, Roger Windhorn and Steve Zwicker make up the soils planning group. Make every effort to contact one of these gentlemen with your support. We are always appreciative when strong organizations like NRCS/ISCA sponsors exhibits for public events, especially the Farm Progress Show.

We are still needing volunteers for the Farm Progress Show - Soils exhibit. It would be good to have a different five member team for each of the Farm Progress Show days. (2 information buffs working the Information Tent; 1 guarding the Wall of Soils; and 2 buried in the Soils Pit). Jobs can be alternated among the group, that is, if any in the group are still alive! Still needed are 2 volunteers for Tues, Sept 23, 1 for Wednesday, Sept 24; and 3 for the final day, Thurs, Sept 25. You are guaranteed to have fun.

Please notify Ken Gotsch for scheduling details at:
217-774-5564, ext 117
ken.gotsch@il.usda.gov

Thanks!!
Ken

ILLINOIS SOIL CLASSIFIERS ASSOCIATION MINUTES ISCA COUNCIL MEETING MAY 23, 2003 NRCS SHQ, CHAMPAIGN, ILLINOIS

Present:
Mark Stelford, President
Lester Bushue, Past President
Mark Bramstedt, President Elect
Chris Cochran, Secretary
Chuck Frazee, Treasurer
Ken Gotsch, Chairman-Farm Progress Show 2003

The Council Meeting was called to order by President Mark Stelford at 10:00 AM. The minutes of the March 29, 2003 meeting held in Springfield, IL were unanimously approved.

President's Report

Approval of Committee Chairs
Bob Darmody-Constitution, By-Laws, & Legislative
Bruce Houghtby-Ethics, Certification & Membership
Don Fehrenbacher-Finance
Matt McCauley- Newsletter
Lester Bushue-Nominations
Todd Soukup-Public Relations and Education
Sam Indorante-Programs

Ad Hoc Committees
Roger Windhorn-Historic
Bruce Putman-Technical Criteria

Approval of committee chairs and ad hoc committees was unanimously approved.

Secretary's Report – Chris Cochran. Received hats, shirts, and other ISCA materials from past secretary, Bob Tegeler. An inventory will be conducted.

Treasurer's Report – Chuck Frazee. Income for the 2-month period of April and May was \$495.77. Expenses for the same period were \$603.69. The ending balance as of May 22, 2003 was \$10,063.73. The Treasurers report was unanimously approved.

Certification Board – Mark Stelford reported for Pat Kelsey. Current Certification Board members are as follows: Pat Kelsey, Chairman; Steve Elmer, Vice-Chairman; Jim Hornickel, Sec-Treas. Other members are Doug Gaines, Dana Grantham, and Bill Kresnor. One application is being processed.

STANDING COMMITTEE REPORTS

Public Relations and Education Committee/Special Appointee to State Advisory Commission on Private Sewage Disposal – Mark Stelford reported for Don Fehrenbacher. Nothing currently happening with the Commission since the new Governor is in process of setting up his administration. Don will look into whether or not the commission starts back up once the new administration settles in.

Illinois Conservation Congress – Mark Stelford reported for Pat Kelsey, Delegate and Roger Windhorn, Alternate Delegate. The Governor has eliminated the staff position handling the Congress and the 2-day Congress in September. A scaled down constituent program more directed by politicians is expected.

Constitution, By-Laws & Legislative – Mark Stelford reported for Bob Darmody. Bob and Pat Kelsey have been involved in finding an electronic version of the ISCA Handbook. Mark Bramstedt reported that Wiley Scott may have an electronic version that he and Charles Love put together.

Ethics, Certification & Membership – Submitted by Bruce Houghtby. Committee members are Gloria Westphal, Bill Kreznor, and Bruce Houghtby. They have processed four applications. John Ford has applied to upgrade membership status from Associate to Full Member. Committee recommends approval. Rob Rhykerd has applied for Associate Member. Committee recommends approval. Wayne Tomlinson has applied for Associate Member. Committee recommends approval. Jaimee Hammit has applied to upgrade membership status from Associate to Full Member. Committee recommends disapproval until she meets the 4-year requirement. At that time she should resubmit her request on or about October 2003.

Motion for acceptance of the Committee's recommendations passed unanimously. It was subsequently amended to read recommendations passed pending payment of appropriate fees.

Finance – No report

Nominations – Lester Bushue. No report.

Newsletter – Mark Stelford reported that Matt McCauley distributed a newsletter recently. Mark is working to get Matt affiliated with the US organization (USCSSA) with Jim Culver. The USCSSA have other association newsletters posted on their web site. We have asked permission to take snippets of what other Soil Associations are doing to include in our newsletter.

Public Relations & Education Committee –

Submitted by Todd Soukup. Committee members include Clayton Heffter, Jaimee Hammit, and Todd Soukup. The Committee is exploring the following projects:

1. Setting up a workshop that focuses on soils in ecological restoration and wetland mitigation;
2. Developing a pamphlet that explains soil terms used in a soil evaluation report for septic tank filter fields;
3. Creating informal field displays depicting soils classification and interpretation for health department personnel and college classes.

Program – Mark Stelford reported that Sam Indorante, chairman and Don Fehrenbacher are on the committee. Don will be in charge of the summer/fall meeting in the Chicago area. Soils and turf management is the topic with a possible golf outing and another activity for those who do not play golf. The winter/spring meeting will be held in southern Illinois. Rend Lake resort or the St. Louis Metro East area are possibilities. Dan Rooney from Madison, Wisconsin is a

possible speaker, discussing his work on detailed subsurface observation of soil features.

AD HOC COMMITTEES

Historic - Mark Stelford reported for Roger Windhorn. Bob Tegeler is compiling a spreadsheet of past officers.

State Soil

Technical Criteria – Mark Stelford reported that Bruce Putman wanted to have the key to waste water-loading rates added to the newsletter. Mark reported that this has been done. Bruce indicated that his committee's role has been completed.

ISCA Web Page – Mark Stelford reported for Don Fehrenbacher. Instructions on how to update the web site to keep it timely is being looked into by Tom D'Avello. Incorporating the ISCA Handbook as a PDF file, shirts and hats, membership application onto the web site is a goal. Having Executive Committee email addresses and a list-serv for membership announcements and other items is being looked into.

OLD BUSINESS

Farm Progress Show – Ken Gotsch. Mark Bramstedt, Roger Windhorn, Steve Zwicker, and Ken are on the committee. Ken described the soils display at the show, September 23, 2003. It will include a maze and a soils pit. It will include ~230 bales of straw. Soils from throughout the state will be displayed as monoliths. Information about soils will be available throughout the maze. Area Soil Scientists and MLRA Leaders will collect the soil monoliths. ISCA will supply Drummer bookmarks (~1000 @ \$0.09 each). \$800 was budgeted by ISCA for the show. Bob McCleese has extra bookmarks. Ken will know more about the straw bales by June 3. He will pass this info to the Executive Council at their next meeting. Straw bales are currently selling for \$3/bale. A decision will be made at the next meeting.

Soil Monolith Display at the Smithsonian – Mark Stelford has been in contact with Jim Culver regarding this project. Haven't heard anything further on this project. Mark said he would contact Jim Culver for an update.

Registration – Mark Stelford. Discussion about what other states are doing for certification and registration. The United States Consortium of Soil Science Associations has sent out a questionnaire. Mark asked Bill Kreznor (Certification Board) to fill out the questionnaire for ISCA. Mark asked Les if he could poll other state organizations to find out what they are doing for registration. Mark said he would type up the notes he had taken from Dr. Franzmier's presentation as well. This along with Les's poll would then be submitted to the Certification Board in a report.

NEW BUSINESS

Former Members – Paul Chase, Tom Hanzely, Paula French, and Rich Boniak are in arrears on their dues. A final reminder was sent April 1, 2003. These former

members have been contacted several times and to date there has been no response as to whether or not they plan to renew. Their membership expired April 1, 2003.

Certification Questionnaire – USCSSA– Certification Board will fill out.

Summer/Fall Meeting – Mark will follow-up with Sam and Don regarding when and where the meeting will take place. There is a need to get early notification of the meeting to the membership. A minimum of a 30-day advance notice would help in getting better attendance.

Email Newsletter – Discussion revolved around sending out the newsletter through email. This would save the Association \$0.60/copy or \$60 per newsletter plus the cost of paper and ink. Keeping track of changing email addresses could be problematic. Topic shelved for now.

Illinois NRCS Web Site – Site contains an order form where individuals can order ISCA merchandise. Currently bookmarks, postcards and Drummer monoliths are available. Mark Bramstedt suggested ISCA should have this on our site as well. Discussion of revising USCSSA link to <http://soilsassociation.org>.

The next meeting will be held on ?????, ??, 2003 at

The meeting adjourned at 12 noon.

Respectfully submitted

Christopher Cochran, Secretary

Illinois HB 914 with Senate Amendment # 2 enables IDPH to restrict surface discharges as the last alternative for on-site wastewater treatment. A surface discharge will require an NPDES permit not unlike a community wastewater treatment plant. The bill gives IDPH until July 1, 2005 to revise the state code. These items start on Page 3 of the bill that is linked below. Note statement on page 3, line 18-22:

18 (2) Establish that soil evaluations shall be
19 conducted to determine if any combination of soil
20 texture, structure, topography, limiting layer, and
21 permeability may be used to support the use of a
22 subsurface seepage system.

<http://www.legis.state.il.us/legislation/fulltext.asp?DocName=09300HB0914sam002&GA=93&SessionId=3&DocTypeId=HB&DocNum=914>

LRB093 05416 AMC 16158 a

1 AMENDMENT TO HOUSE BILL 914

2 AMENDMENT NO. _____. Amend House Bill 914 by replacing
3 the title with the following:
4 "AN ACT concerning private sewage disposal."; and

5 by replacing everything after the enacting clause with the
6 following:

7 "Section 5. The State Finance Act is amended by adding
8 Section 5.595 as follows:

9 (30 ILCS 105/5.595 new)
10 Sec. 5.595. The Private Sewage Disposal Program Fund.

11 Section 10. The Private Sewage Disposal Licensing Act is
12 amended by changing Sections 4 and 8 as follows:

13 (225 ILCS 225/4) (from Ch. 111 1/2, par. 116.304)
14 Sec. 4. (a) After January 1, 1974, no person or private
15 sewage disposal system contractor may construct, install,
16 modify, repair, maintain, operate, or service a private
17 sewage disposal system or transport and dispose of waste
18 removed therefrom, in such a manner that does not comply with
19 the requirements of this Act, the Illinois Environmental

-2- LRB093 05416 AMC 16158 a

1 Protection Act, the applicable rules adopted pursuant to the
2 Illinois Environmental Protection Act, and the private sewage
3 disposal code promulgated hereunder by the Department. A
4 person who owns and occupies a single family dwelling and who
5 constructs, installs, maintains, services or cleans the
6 private sewage disposal system which serves his single family
7 residence shall not be required to be licensed under this
8 Act, however, such person shall comply with all other
9 provisions of this Act and the private sewage disposal code
10 promulgated hereunder by the Department.
11 Any person who constructs, installs, repairs, modifies,
12 or maintains a private sewage disposal system, other than a
13 system which serves his own single family residence, shall be

14 licensed by the Department as a Private Sewage System
15 Installation Contractor and any person who cleans or pumps
16 waste from a private sewage disposal system, other than a
17 system which serves his own single family residence, or hauls
18 or disposes of wastes removed therefrom shall be licensed by
19 the Department as a Private Sewage Disposal System Pumping
20 Contractor in accordance with this Act.

21 (b) No new private sewage disposal system shall be
22 installed by any person until drawings, specifications and
23 other information requested by the Department are submitted
24 to and reviewed by the Department and found to comply with
25 the private sewage disposal code, and until approval for the
26 installation of such system is issued by the Department.

27 (c) The licensing requirements of this Act shall not
28 apply to any person who cleans or pumps, hauls or disposes of
29 waste from chemical toilets located in an underground coal
30 mine. This waste shall be (i) transported to and disposed of
31 at a sewage treatment facility permitted by the Illinois
32 Environmental Protection Agency and located on the mine
33 property, or (ii) stored on-site in a sanitary manner pending
34 removal and subsequent disposal by a licensed private sewage

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1 disposal pumping contractor.

2 (d) Beginning July 1, 2005, no person or private sewage
3 disposal system contractor may install a surface discharging
4 private sewage disposal system, unless the Department
5 determines that no feasible alternative to the surface
6 discharging private sewage disposal system is available and
7 the owner of the system fulfills the requirements stated in
8 this subsection and rules adopted pursuant this subsection.
9 Before July 1, 2005, the Department shall amend the private
10 sewage disposal code. The amendments shall include conditions
11 and criteria under which the Department may determine that no
12 feasible alternative to a surface discharge is available. The
13 Department shall do all of the following when establishing
14 rules to determine that no feasible alternative is available:

15 (1) Revise the private sewage disposal code to
16 encourage the connection of properties to decentralized
17 cluster systems or public sewers.

18 (2) Establish that soil evaluations shall be
19 conducted to determine if any combination of soil
20 texture, structure, topography, limiting layer, and
21 permeability may be used to support the use of a
22 subsurface seepage system.

23 (3) Consider all available private sewage disposal
24 system technologies before allowing a new surface
25 discharge system.

26 (4) Establish procedures to approve designs capable
27 of meeting specific and measurable performance
28 requirements to expedite the reduction of surface
29 discharge systems.

30 (5) Establish and require effluent reduction
31 methods when a surface discharge system is approved.

32 (6) Establish requirements to minimize surface
33 discharges that cross property lines, create nuisances,
34 and may create mosquito breeding areas that foster

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1 diseases such as West Nile Virus and other mosquito borne
2 diseases.

3 (e) Beginning July 1, 2005, no person may operate a
4 surface discharging private sewage disposal system, unless

5 all of the following conditions are met:

6 (1) The owner provides for the operation and
7 maintenance of the system by licensed and qualified
8 persons pursuant to rules adopted by the Department.

9 (2) Monitoring of the discharge is conducted.

10 (3) The owner or operator has applied for and
11 received a National Pollutant Discharge Elimination
12 System Permit.

13 (4) The effluent quality meets the applicable
14 limitations of State and federal laws and rules.

15 Before July 1, 2005, the Department shall amend the
16 private sewage disposal code to include criteria for the
17 maintenance, operation, and monitoring of surface discharging
18 private sewage disposal systems installed or operated
19 pursuant to subsection (d).

20 (f) There is hereby created in the State treasury a
21 special fund to be known as the Private Sewage Disposal
22 Program Fund. All fees collected by the Department for exams,
23 licenses, permits, and fines in accordance with this Act
24 shall be deposited into the Fund and shall be appropriated by
25 the General Assembly to the Department. Gifts, grants, and
26 moneys from other governmental agencies may be deposited into
27 the Fund. Subject to appropriation, moneys from this Fund
28 shall be used by the Department to administer this Act,
29 including establishing and maintaining an NPDES Permit
30 Program in conjunction with the Illinois Environmental
31 Protection Agency and supporting private sewage disposal
32 education and training. Interest generated by this Fund shall
33 be returned to the Fund. Monies in the Fund shall be
34 appropriated and used only for the purposes stated in this

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1 Act.

2 (g) The Department shall not issue approval of a new
3 surface discharging private sewage disposal system on any
4 property platted or recorded after July 1, 2005, unless the
5 Department determines that no feasible alternative to the
6 surface discharging private sewage disposal system is
7 available and the owner of the system fulfills the
8 requirements stated in subsection (d) and rules adopted
9 pursuant that subsection. Assurance that connection to a
10 public sewer, decentralized cluster system, community sewer,
11 or an individual subsurface private sewage disposal system
12 with a dedicated alternative area shall be provided for newly
13 platted property, unless the Department determines that no
14 feasible alternative to the surface discharging private
15 sewage disposal system is available and the owner of the
16 system fulfills the requirements stated in subsection (d) and
17 rules adopted pursuant that subsection.

18 (h) In order to assure that the analysis of wastewater
19 samples submitted for NPDES permit compliance and for other
20 performance compliance is conducted properly, laboratories
21 that conduct wastewater testing shall be certified by the
22 Environmental Protection Agency to conduct this wastewater
23 analysis.

24 (i) It is the intent of this amendatory Act of the 93rd
25 General Assembly that (i) the number of new surface
26 discharging systems permitted by the Department be reduced to
27 as few as possible and (ii) the Department establish a
28 program for existing private sewage disposal systems with
29 surface discharges on or before July 1, 2005.

30 (Source: P.A. 86-1195.)

31 (225 ILCS 225/8) (from Ch. 111 1/2, par. 116.308)
32 Sec. 8. In addition to promulgating and publishing the
33 private sewage disposal code, the Department has the

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1 following powers and duties:

2 (1) Make such inspections as are necessary to
3 determine satisfactory compliance with this Act and the
4 private sewage disposal code.

5 (2) Cause investigations to be made when a
6 violation of any provisions of this Act or the private
7 sewage disposal code is reported to the Department.

8 (3) Subject to constitutional limitations, by its
9 representatives after identification, enter at reasonable
10 times upon private or public property for the purpose of
11 inspecting and investigating conditions relating to the
12 administration and enforcement of this Act and the
13 private sewage disposal code.

14 (4) Institute or cause to be instituted legal
15 proceedings in the circuit court by the State's Attorney
16 of the county where such non-compliance occurred or by
17 the Attorney General of the State of Illinois in cases of
18 non-compliance with the provisions of this Act and the
19 private sewage disposal code.

20 (5) Authorize the trial or experimental use of new
21 innovative systems for private sewage disposal, upon such
22 conditions as the Department may set.

23 (6) Adopt minimum performance standards for private
24 sewage disposal system contractors.

25 (7) Issue an annual license to every applicant who
26 complies with the requirements of this Act and the
27 private sewage disposal code and who pays the required
28 annual license fee.

29 (8) Collect an annual license fee in an amount
30 determined by the Department from each licensee
31 ~~contractor~~ and any examination and reinstatement fees.

32 (9) Prescribe rules of procedure for hearings
33 following denial, suspension or revocation of licenses as
34 provided in this Act.

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1 (10) Issue permits for the construction,
2 installation, operation, maintenance, monitoring, and
3 management of onsite wastewater treatment systems and
4 shall establish a fee for each permit issued. Operation,
5 maintenance, monitoring, and management permits shall
6 include performance requirements.

7 (11) Establish performance and maintenance
8 requirements specific to individual systems.

9 (12) Establish procedures to approve designs
10 capable of meeting specific and measurable performance
11 requirements.

12 (13) Require approved contingency plans to prevent
13 catastrophic failures;

14 (14) Administer a program for limited term
15 operating permits that are renewable upon documented
16 compliance with permit conditions and require system
17 inspections at the time of operating permit renewal.

18 (15) Establish and administer a program for time of
19 sale and change in use inspections.

20 (16) Administer a program for periodic compliance
21 monitoring and reporting.

22 (17) Maintain a construction permit file including

23 site evaluation, design, installation, inspection
24 reports, and record drawings of systems.
25 (18) Establish and administer a tracking system for
26 operating permits and residuals hauling and disposal and
27 establish fees for implementing this system.
28 (19) Establish standards for surface and subsurface
29 discharges from private sewage disposal systems.
30 (Source: P.A. 85-1261.)

31 Section 99. Effective date. This Act takes effect upon
32 becoming law."

Submitted by Don Fehrenbacher



NEWSLETTER

Fall 2003

President's Column

Greetings from Northern Illinois! I hope that you are having a productive summer. In July I had the opportunity to attend the International Soil & Tillage Research Organization Triennial Conference in Brisbane, Australia. Efforts to improve our understanding of soil response to different crop management systems are generating a lot of interest. One of the things that made a deep impression on me was the state of soil mapping in other parts of the world. The international delegation included representatives from over 30 different countries and it was educational to learn about the state of soil information transfer to the various user communities. Many countries have coarse country-wide soil information, but there seems to be a lack of more detailed 2nd order soil survey information. Increasing the resolution of soil information is a focus of several select efforts. Examples of this are the detailed soil mapping for wine vineyard layout (one backhoe pit characterized per acre) and Graham Shepherd's work in New Zealand to help growers do visual soil assessment to determine limitations for crop growth. Digital penetrometers continue to be an area of study as soil scientists try to quantify the impact of field operations on crop growth conditions.

Lots of interesting things are happening in soil science from agriculture to urban land use issues. Our discipline continues to evolve, along with the rest of the scientific community, to address more real-world challenges, many which are global in nature. The applications of soil information seem to increase with time. Soil scientists are being called upon not only to help in matters of landuse planning (e.g., 2nd order soil survey updates, wetland delineations, septic field sitings) but new application areas as well (e.g., impact of tillage equipment on soil conditions, golf course layout, non-invasive drain tile detection). New methods for sensing soil attributes may enable soil scientists to increase the spatial resolution of their observations, focus more on soil attribute mapping, and help provide more interpretations of potential impact of soil properties on different applications. It is an exciting time to be in soil science!

Feel free to contact me if you have any suggestions, questions, or concerns.

Regards,

Mark

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ISCA Member Obituary

John E. "Jack" Paschke

John E. Paschke, 84, a prominent soil classifier in northern Illinois and formerly of Kankakee, IL, passed away on November 11, 2003 in Bonita Springs, FL.

Mr. Paschke earned a B.S. degree in Soils from the University of Illinois at Urbana-Champaign in 1941. He was a veteran of WWII having served as a navigator with the US Army Air Corp in the South Pacific. After the war, Paschke began a long career with the USDA Soil Conservation Service. He authored numerous county soil reports for northern Illinois and assisted with soil classifications throughout Illinois and portions of Wisconsin, Iowa and Indiana. After 31 years of service with the SCS he became an independent soil classifier and worked to develop guidelines and soil ratings for municipal, county, state and federal agencies. He was an active advocate for soil and natural resource conservation in Illinois. Paschke was a founding member and past president of the Illinois Soil Classifiers Association and a long-time member of SSSA. After 20 years as an independent soil classifier, he retired to Bonita Springs, FL in 1995. Survivors include his wife of 60 years, Marguerite "Peg" Paschke of Bonita Springs, FL; sister Adeline Trudeau of Evansville, IN; three sons, Jack Paschke of Armonk, NY, Paul Paschke of Lakewood, CO, and Mark Paschke of Fort Collins, CO; five daughters, Mary Brand of Scottsdale, AZ, Jeanne Paschke of Frankfort, IL, Lucy Paschke of Estero, FL, Rita Paschke of Bloomington, IN, and Sara Parish of Durango, CO; as well as 16 grandchildren and 3 great grandchildren.

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The 2004 ISCA Annual Meeting will be held at Rend Lake Resort (Exit 77 on I-57, 17 miles south of Mt. Vernon) on March 6th. Dan Rooney from EarthIT will be the speaker. His subject will be Soil Information System (SIS) and more specifically the SIS and how it relates to a project being done cooperatively with NRCS.

Following is a Summary From Dan:

Our (EarthIT) NRCS project is going into its third year. In 2002 and 2003 we worked with the IL-NRCS in collaboration with Bob McLeese and Jim Doolittle. The objective of our project is to develop a soil mapping methodology for high intensity applications (precision ag for example). The methodology can also be used for construction site assessment, watershed scale mapping, archaeological surveys or wetland delineations. The study involves deploying the Soil Information System to the field in conjunction with a team of NRCS field personnel with the common goal of performing high detail sensor correlations. The NRCS crew determines the locations of representative profiles using a high resolution electromagnetic survey draped over a digital elevation model with centimeter level 3-D relative accuracy. This helps to avoid selecting an inclusion or anomalous soil in an area on the landscape that is otherwise representative of a particular soil profile given topography and expert knowledge alone. Earth Information Technologies then goes to the selected locations and performs vertical observations with a penetrometer that estimates soil compaction, texture, color, moisture, resistivity, and in-situ digital imagery (video). The pit is then excavated in such a way that the soil can be described that was in direct contact with the sensors. A database is being developed that takes a "typical" soil of a certain type and gives it a digital signature. It will be rare that any typical digital signature will exactly match locations taken on the same field let alone across multiple counties. However, it will be possible to quantify which soil a given observation is most similar too thus creating a tangible, standard method for creating 3-D, digital soil maps. In 2004 we have expanded our contract with the NRCS to include work in Iowa and Wisconsin as well as Illinois.

Information: A block of rooms have been set aside for the evening of March 5th. For reservations call 618-629-2211 or 1-800-633-3341. The block is held under the ISCA with block #4477. The rates are \$60.00 single occupancy and \$69.00 double occupancy. Make your reservation early.

More information on meeting time and meal cost will be in the next newsletter. If you have any questions call Sam Indorante at 618-453-5577 (work).

Regards,
Sam Indorante
Program Chair

The Public Relations and Education Committee would like to announce that a workshop entitled "Soil and Land Management Strategies for Native Vegetation Establishment" will be held on Friday, February 20, 2004, at the DuPage County Government Complex in Wheaton, Illinois. This workshop will feature speakers from both within and outside the ISCA discussing practical, field-level topics such as seedbed preparation, mass grading of wetland and prairie creation areas, natural area enhancement techniques, effects and minimization of soil compaction, native vegetation seeding and planting methods, characteristics and uses of biosolids, and regulatory perspectives on wetland and riparian enhancement/creation. An interdisciplinary audience of soil scientists, ecologists, engineers, and regulators is expected to attend. While this workshop expands the scope of traditional ISCA topics, it gives us an opportunity to expose non-soil scientists to knowledge we have that can greatly increase the success of natural area enhancement and creation projects. A detailed agenda and registration form will be sent and/or emailed in mid-January to all ISCA members. Please contact Todd Soukup, Jaimee Hammit, or Clayton Heffter if you would like to participate in this workshop or if you have any questions.

Soil Scientist Position

Onsite Environmental is currently looking for a qualified soil scientist. We are in need of an individual who loves to work outdoors with soil.

Our client does a lot of wetland delineation work in the northwestern suburbs. They are looking for someone with an educational background in a science-related field to do some soil work. Ideally we are looking for an individual who has experience in wetland delineation and loves working with soil. Salary is based on experience and it is long term position. Contact Meagan Kennel at 630-645-3528 or mkennel@onsitecompanies.com if you are interested.

Illinois Soil Classifiers Association

Minutes

ISCA Council Meeting

October 18, 2003

Ted McCannon's Farm

Sugar Grove, Illinois

Present:

Mark Stelford, President

Lester Bushue, Past President

Mark Bramstedt, President Elect

Chris Cochran, Secretary

Bruce Houghtby, Chairman Ethics, Certification & Membership

Todd Soukup, Chairman Public Relations & Education

J. Wiley Scott, Guest

Upon adjournment of the Summer/Fall Meeting and Tour of soils developed in dense Wisconsin till, the Council Meeting was called to order by President Mark Stelford at about 2pm. The agenda was amended and approved. The minutes from the meeting in Champaign, IL on May 23, 2003 were unanimously approved.

Secretary's Report-Issued certificates of membership to Rob Rhykerd and Wayne Tomlinson. Supplied 215 magnets to Roger Windhorn for Farm Progress Show distribution. We have about 260 magnets left. Sold 2 green shirts. Stock remaining (shirts) 2 blue XL; 2 green XL; 2 blue 2XL; 1 green 2XL --(hats) 108 green and 114 blue. Dues renewal notice will be sent at the end of November. At this point discussion centered on the membership database. Mark Bramstedt suggested that current mailing list (including email addresses) be mailed to the executive council and the newsletter chairman.

Treasurer's Report-No report

Certification Board-No report

STANDING COMMITTEE REPORTS

Constitution, By-Laws & Legislative-Membership handbook is now in electronic format and is being updated into PDF format for the web site

Ethics, Certification & Membership-Jaimee Hammit's application for Full membership has been received and approved. Council unanimously approved.

Public Relations and Education-Workshop for contractors is being planned for late February or early March focusing on soil conditions as it relates to wetlands mitigation and native vegetation restoration. Brochure for lay persons describing soil characteristics and their effect on permeability and its relationship to planning on-site septic systems is being developed. Mark Stelford suggested the use of the technical criteria for loading rates, developed by ISCA, be part of the brochure to ensure agreement with other aspects of the ISCA vision. Details on the workshop will be forthcoming in the next newsletter.

-Soil Monolith Display at the Smithsonian-each State is to raise \$10,000 for an exhibit depicting their State soil. The exhibit is to be complete for the World Congress of Soil Science in 2006. California and Missouri are the only states that have raised sufficient funds to date. Mike Konen is the Illinois liaison for Soil Science Society of America for this effort. Mark Stelford suggested that an ad hoc be formed to work on raising money for this effort. Mark will approach Konen for chairing this committee.

Finance-No report

Newsletter-No report

Nominations-No nominations

Programs-Winter meeting is to be held at the Rend Lake Resort March 6, 2004. Alternate date is February 28, 2004. The meeting and date was unanimously approved.

AD HOC COMMITTEES

Illinois Conservation Congress-need ISCA representative for this to move forward. To date the Governor has not reconvened this advisory committee.

Historic-No report. Discussion about making this a standing committee was brought up. Suggestion to refer this to Constitution and By-Laws about making this position part of the Executive Council was made by Mark Bramstedt.

Technical Criteria-meeting is scheduled for this winter to finalize the loading rate key update and present it to the health department for a replacement in the State code.

ISCA Web page-Tom D'Avello and Mark Bramstedt will work on updating the ISCA web page. Karla Hanson expressed interest in becoming Webmaster.

State Advisory Committee on Private Sewage Disposal-Bruce Houghtby gave a brief update on what is happening between the health department and aeration system contractors within this committee.

OLD BUSINESS

Farm Progress Show-show was limited to one day due to weather. Pictures will appear in the newsletter and web site.

State Registration of Soil Scientists and Classifiers-No report

Summer/Fall Program-23 people showed up for the meeting and tour. Bruce Putman and Ted McCannon were credited for the successful tour.

NEW BUSINESS

Golf Course Superintendents Meeting-Don Fehrenbacher, Tom D'Avello and Mark Bramstedt are making a presentation November 4, 2004 in Medina Country Club regarding their work at the North Shore Country Club in Glenview.

Burt Ray Award-an email was sent to NIU, UI, ISU regarding the award. Rob Rhykerd submitted a nomination for the award for 2003. Bob Darmody handles the rules for granting the award. The award is \$100. A motion was made to increase the award to \$250 for 2003 if the rules allow. It was seconded and approved.

2004 National Collegiate Soil Judging Contest-ISU is hosting the event in the spring. A request for assistance will be forthcoming.

Standards for Certification-motion made to have Ethics, Certification and Membership committee review these criteria and recommend a change in requirements for being certified, i.e. a journeyman working under a certified soil classifier mapping soils. This is outdated since we no longer map soils in the traditional sense. Motion seconded and approved.

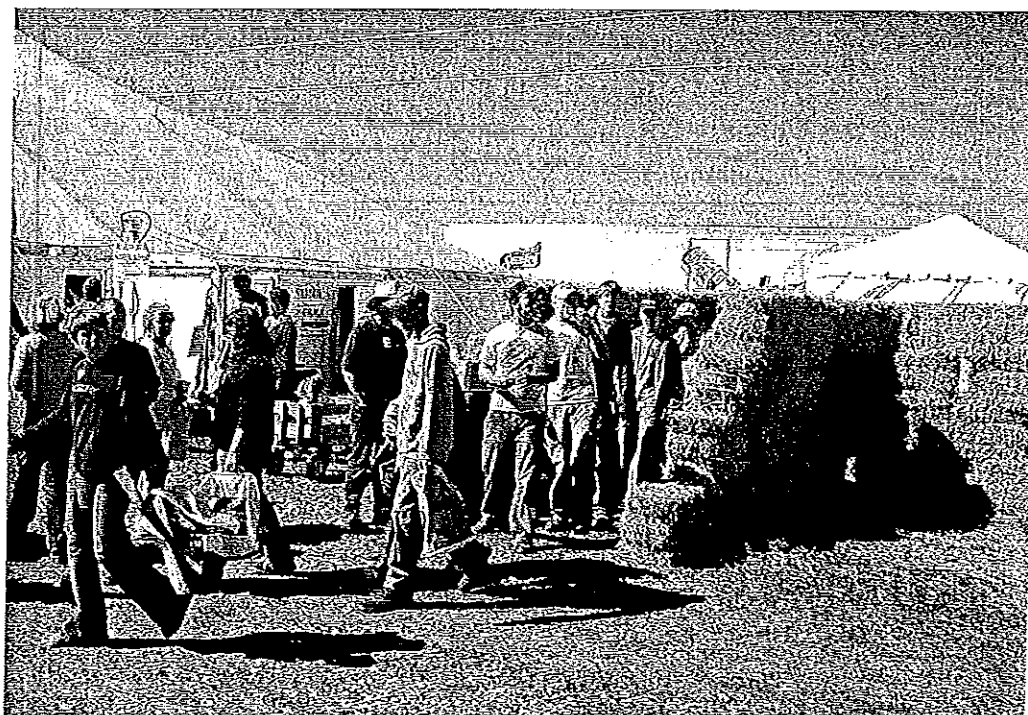
Bent Auger-Newsletter will solicit nominations.

Jackets, Shirts, Hats, Patches-table till next meeting.

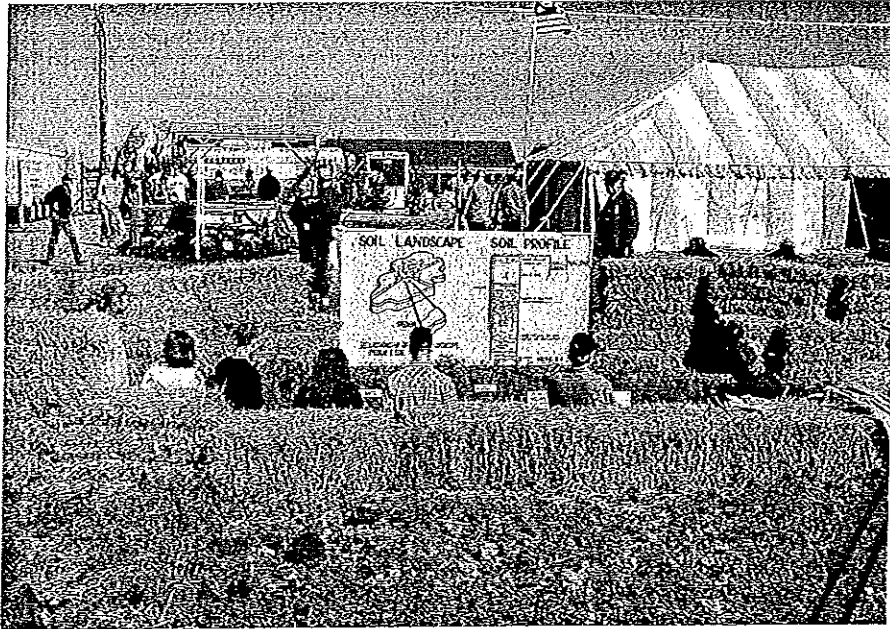
Meeting adjourned at 5:30pm



Ken Gotsch, Mark Bramstedt and Roger Windhorn put a lot of work into the ISCA display at the Farm Progress Show. The theme was A-Maze-ING Soils of Illinois. The maze featured some of the most common soils from around the state and a walk through soil pit.



Students exiting the Maze.



Students and presenters in the soil pit.