



# ILLINOIS SOIL CLASSIFIERS ASSOCIATION

February 1988 Newsletter

## Contents

Annual Meeting Plans  
Ballot for Election of  
Officers\*  
Minnesota Workshop

Revision of ISCA Certification  
Standards  
Name the Newsletter (continued)

\* Mailed to members only

## ANNUAL MEETING PLANS

The annual meeting of the Illinois Soil Classifiers Association will be held Saturday, March 19, at the Dinner Table Restaurant in Peoria, IL. The Dinner Table is located at 3113 N. Dries Lane just north of I74. On I74, north of downtown, take the Gale Avenue exit, turn north on Gale (left turn if entering Gale from northbound I74, right turn if entering from southbound I74). Take Gale to stoplights and turn right (Forest Hill Rd.), go across viaduct (about one block) and the Dinner Table Restaurant is on your left. A council meeting will be held at 10:30 and a roast beef and fried chicken buffet luncheon will start at 12:00.

George Hudelson, retired soils correlator for Wisconsin will be the guest speaker. Mr. Hudelson has been an Area Soil Scientist in Illinois, a Survey Leader in Logan and Sangamon Counties, and Soils Correlator in Wisconsin from 1973 to 1986. Mr. Hudelson will speak about professionalism in soil science. Following the speech will be a business meeting.

Reservations must be received by March 1st. Please fill out the following reservation form and send to Ward Lenz, Program Chairperson. No refunds after March 13th. *Make checks payable to ISCA.*

### I.S.C.A. Program committee:

Lester Bushue	Leon Follmer
Robert Darmody	Wiley Scott
Steve Elmer	Ward Lenz

To: Ward Lenz  
RR3 Box 286  
Centralia, IL.  
62801

NAME: \_\_\_\_\_  
\_\_\_\_\_ Reservations at \$8.25 each.



Minnesota to Host International Workshop on Soil Resources in the 90's in March 1988

The Minnesota Cooperative Soil Survey will host a two-day international interactive workshop on "Soil Resources: Their Inventory, Analysis and Interpretation for Use in the 1990's", on March 22-24, 1988 at the Sheraton Airport Inn, Minneapolis.

Themes for each 1/2 day sessions are:

- 1) Data collection techniques to better define the soil resource,
- 2) Interpretations for the 1990's -- kinds and research needs,
- 3) Computerized systems for the analysis, interpretation, delivery and use of soil resource information now and in the future and,
- 4) Future roles for using soil resource information in environmental assessments.

Internationally known invited speakers will address several topics under each theme.

For registration information, contact:

Nancy Jay Harvey  
 Extension Special Programs  
 University of Minnesota  
 405 Coffey Hall  
 St. Paul, MN 55108  
 (612) 625-8215

For content information, contact:

Dr. Harlan R. Finney  
 Department of Soil Science  
 University of Minnesota  
 439 Borlaug Hall  
 St. Paul, MN 55108  
 (612) 625-1977

Revision of ISCA Certification Standards

Proposed revisions to the ISCA Certification standards and reasoning are as follows.

- a-Revise Section 2.04 to read the same as the constitution.
- b-Revise Section 2.05 to read the same as the constitution.
- c-Revise Section 2.06 to read the same as the constitution.
- d-Revise Section 3 to remove unneeded references to the first board and because current certified membership distribution is not the same as ISCA membership.

Revision of ISCA Certification Standards (Continued)

e-Revised Section 4 to distinguish between membership cards and certification cards.

e-Section 5 A Code of Ethics is to become a prominent part of ISCA organizational documents. This is the first reference to the code. I changed point (b) to read "Full Member or Honorary Full Member" for clarification and to be consistent with the constitution. Revised point (d) as suggested.

f-Section 5-I took the last sentence and built a paragraph around it to clarify examination procedures.

g-Section 6- second paragraph, changed to Full Member and added deadline on the Grandfather Clause.

h- Section 7- First paragraph last sentence. Added the word "once" to clarify how many times a person could be re-examined.

i- Section 8- first paragraph revised to be consistent with revision in Section 5.

The following are the revised sections with deletions crossed out and additions underlined

Section 2.03 "Professional Soil Classifier" means "Certified Professional Soil Classifier" as defined in Section 2.04.

*Certified*

Section 2.04 "Professional Soil Classifier" means ~~an individual who by his knowledge of the physical, chemical and biological aspects of soils and the principals of soil classification, formation and morphology is qualified to practice soil classifying and is certified to do so under these standards.~~

*Certified*

Section 2.04 "Professional Soil Classifier" shall mean a person who by reason of special knowledge of the physical biological and chemical sciences applicable to soils and the methods and principles of soil classification as acquired by soils education and by soil classification experience in the formation, morphology, description, and mapping of soils is qualified to practice soil classifying and is certified to do so under these standards.

Section 2.05. "Practice of soil classifying" means ~~any work or service involving the investigation, evaluation, and determination of properties of soils essential to their classification and interpretation for various uses. It includes writing descriptions, mapping or plotting boundaries of soils and assembling reports of soil properties and the effect of soil properties upon the various uses and the effect of different uses upon kinds of soils. The practice of soil classifying also includes rating various soils for different uses and describing and evaluating the pedological processes and morphological features affecting, and the planning and design, construction and maintenance of works of~~

Section 2.05 "Practice of soil classifying" shall mean any service or work the adequate performance of which requires education in the physical, chemical, biological, and soil sciences and training and experience in the application of the knowledge of these sciences to soil classification. It includes the classification of soil by accepted principles and methods; investigation, evaluation, and consultation on the effect of measured, observed, and inferred soil properties on various uses; the preparation of soil descriptions, maps, reports and interpretive drawings; or other such service or work, either public or private, requiring the education or training referred to above. A

## Revision of ISCA Certification Standards (Continued)

~~architecture, landscape architecture and engineering.~~  
The practice of soil classifying shall not restrict other disciplines such as architects, structural engineers, professional engineers, geologists, or land surveyors from classifying soils in the context of their respective disciplines.

Section 2.06. "Soil" shall mean the natural occurring accumulation of mineral and organic matter occupying the upper part of the unconsolidated portion of the earth's surface in places reworked by ~~man~~, and capable of supporting plant life.

### SECTION 3. Appointment and Composition of the Certification Board

(b) Eligible nominees shall be citizens of the United States and residents of Illinois. They shall have at least four (4) years of experience in a responsible soil classifying position and be Professional Soil Classifiers ~~or be eligible for certification under these standards.~~ Any member who ceases to be a legal resident of Illinois shall be deemed to have resigned from membership on the Board as of the last date of Illinois residency.

~~(c) The first Board shall be appointed within sixty (60) days after these standards are adopted to serve for the following terms: two (2) members for one (1) year, two (2) members for two (2) years, and two (2) members for three (3) years, and until their successors are appointed. Any subsequent member of the board nominated by the President shall be a Certified Professional Soil Classifier and shall serve a term of three (3) years and until a successor has been appointed. Unfilled terms on the Board shall be filled within thirty (30) days by nomination by the president and approval by the Council at their next scheduled meeting. New members of the Board shall assume duties after being approved by the Council.~~

person shall be construed to practice or offer to practice soil classifying within the meaning and intent of these certification standards who by verbal claim, sign advertisement, letterhead, card or use of some other title represents himself/ herself to be a soil classifier, but shall not mean or include the work ordinarily performed by persons who sample and test soil for fertility status or construction materials and engineering surveys and soundings to determine soil properties influencing the design and construction of engineering and architectural projects. Notwithstanding the foregoing provisions, he/she offers soil classifying services to or performs such soil classifying for the public. The practice of soil classifying shall not restrict other disciplines such as architects, structural engineers, professional engineers, geologists, or and surveyors from classifying soils in the context of their respective disciplines.

Section 2.06. "Soil" shall mean the natural occurring accumulation of mineral and organic matter occupying the upper part of the unconsolidated portion of the earth's surface in places reworked by people and capable of supporting plant life. Soil has morphological and compositional properties developed during its formation by the combined effect of climate and living organisms, as modified by topography, acting over time upon soil parent materials.

### SECTION 3. Appointment and Composition of the Certification Board.

(b) Eligible nominees shall be citizens of the United States and residents of Illinois. They shall have at least four (4) years of experience in a responsible soil classifying position and be Certified Professional Soil Classifiers. Any member who ceases to be a legal resident of Illinois shall be deemed to have resigned from membership on the Board as of the last date of Illinois residency.

(c) Members of the board shall be Certified Professional Soil Classifiers and shall serve a term of three (3) years and until a successor has been appointed. Unfilled terms on the Board shall be filled within thirty (30) days by nomination by the president and approval by the Council at their next scheduled meeting. New members of the Board shall assume duties after being approved by the Council.

## Revision of ISCA Certification Standards (Continued)

(d) The membership of the Board should represent governmental agencies, private sector and academic interests in approximately the same proportions as the membership of ISCA.

### SECTION 4. Procedures and responsibilities of the certification board.

(d) The Board shall issue a certificate suitable for framing to each Professional Soil Classifier That it certifies and annually upon renewal shall issue ~~membership~~ cards to each.

### SECTION 5. Standards and Requirements for Certification.

In order to be eligible for certification as a professional soil classifier in Illinois, applicants must ~~(a) be of good character and reputation, (b) be a 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, and (e) have successfully passed a written and/or oral examination designed to determine the proficiency and qualifications of the applicant to engage in soil classifying. A passing grade on an examination shall be a score of seventy (70) percent or higher.~~

(d) The membership of the Board should represent governmental agencies, private sector and academic interests in approximately the same proportions as the certified membership of ISCA.

### SECTION 4. Procedures and Responsibilities of the Certification Board.

(d) The Board shall issue a certificate suitable for framing to each Professional Soil Classifier That it certifies and annually upon renewal shall issue certification cards to each.

### 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, or have more than six (6) years total soil classifying experience and have actively practiced soil classifying during the preceding year and, (e) have successfully passed a written and/or oral examination designed to determine the proficiency and qualifications of the applicant to engage in soil classifying.

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.

Any Member of ISCA at the time these standards go into effect shall have the requirements of examination and references waived.

### SECTION 6. Procedures for Application.

Any Full Member of ISCA at the time these standards go into effect shall have the requirements of examination and references waived, until January 1, 1989.

Revision of ISCA Certification Standards (Concluded)

SECTION 8. Renewal, Expiration, and Restoration of Certification.

(a) Each professional soil classifier who continues in active practice shall renew his certificate on or before January 1 and pay the required renewal fee. Every certificate not renewed on or before January 1 or in the month of January of any year expires on February 1 of that year. A professional soil classifier whose certificate has expired may have his 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. If certification has lapsed for more than four (4) years, the applicant shall be required to pass an examination.

SECTION 8. Renewal, Expiration, and Restoration of Certification.

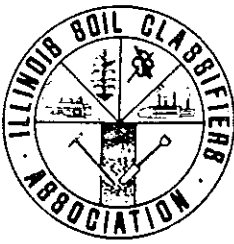
(a) Each professional soil classifier who continues in active practice shall renew his certificate on or before January 1 and pay the required renewal fee. Every certificate not renewed on or before January 1 or in the month of January of any year expires on February 1 of that year. A professional soil classifier whose certificate has expired may have his 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 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 be required to pass an examination.

Name the Newsletter (Continued from last issue)

Your editor has received only one response to the call made by Bill Kreznor in the December 1987 issue for a name for the ISCA Newsletter: The Groundbreaker. Please continue thinking about this and bring your suggestions to the Annual Meeting.

No Comment

July 4, 1936—Central Committee eliminates entire science of "so-called pedology" because it is based on "pseudoscientific, anti-Marxist assumptions." This paves way for future elimination of genetics, sociology, psychoanalysis, cybernetics, and other academic disciplines. Academy of Sciences passes resolution declaring: "We will resolve all problems that arise before us with the only scientific method, the method of Marx, Engels, Lenin, and Stalin."



# ILLINOIS SOIL CLASSIFIERS ASSOCIATION

MAY 1988 NEWSLETTER

Pme

## Newsletter Contents

Notes from the Annual Meeting  
Message from President Berning  
People  
WSPSS Tour  
Election Results  
ISCA Certification Board  
Friends Trip

Indiana Association of  
Professional Soil Classifiers  
Notes from your Newsletter  
Committee  
Earl Voss Retirement Luncheon  
Field and Furrow Club Ad  
List of ISCA Members

Notes from the Thirteenth Annual Meeting of the Illinois Soil Classifiers Association, March 19, 1988 at the Dinner Table Restaurant, Peoria, Illinois by Robert Tegler, ISCA Secretary.

President Tonie Endres opened the meeting at 12:15. Earl Voss gave the invocation. There were 47 members and their guests present. George Hudson, retired Soils Correlator for Wisconsin, and former Area Soil Scientist and Survey Leader in Illinois, was the featured speaker.

The business meeting was called to order at 2:00 PM.. Bob Tegler read the secretary's report. Steve Zwicker read the treasurer's report. The balance in account as of March 19, 1988 was \$3359.04.

## COMMITTEE REPORTS

### FINANCE

Chairperson Dale Calsyn reported that the Treasurer's books were audited for fiscal year 1987, and found in good order. The 1987 budget contained a surplus of \$429.24. The surplus was due to expenditures being lower than anticipated. Balance on December 31, 1987 was \$2489.13. Significant items during the past year included increases in the annual dues and certification fees and the elimination of the Field and Furrow Club travel expenses.

### ETHICS, CERTIFICATION AND MEMBERSHIP

Chairperson Wilbur Chrudimsky reported that his committee received 14 applications for membership. The classes of membership included 12 associate and 2 full. One member upgraded from associate to full.



NEWSLETTER

Chairperson Bob Darmody reported that four newsletters were sent to members and other interested people. The newsletters were sent to an average of 118 members. There is now an active newsletter exchange between ISCA and our counterparts in the following states: Iowa, Minnesota, Missouri, Ohio, Wisconsin, Texas and Northern New England.

The newsletter will remain entitled "The ISCA Newsletter" since no viable alternative names were proposed.

NOMINATIONS

Chairperson Mark Bramstedt reported that 12 members were contacted to select 4 candidates for the 2 vacant offices.

PUBLIC RELATIONS AND EDUCATION

Chairperson J.D. Alexander clarified the awards the ISCA presents. ISCA is continuing to present the \$50.00 Burton W. Ray Scholarship. The 2nd Place individual in the Experienced Class at the Local Soil Judging Contest has been dropped because there is no longer a local contest sponsored by the Field and Furrow Club at the University of Illinois. This award is replaced by the \$50.00 Illinois Outstanding Collegiate Soil Judger Award. <sup>I+IS</sup> Presented to the highest individual ranking among Illinois student participants at the annual Region III Soils Contest, sponsored by the American Society of Agronomy. This award is now more statewide in scope.

The 1988 Burton W. Ray Award recipient was Scot Harding. The Illinois Outstanding Collegiate Soil Judger Award was presented to Larry Tracey of Illinois State University. President Tonia Endres presented the award to Larry during the meeting.

CERTIFICATION

Chairperson Don Wallace reported one of the goals of the committee was to stop the erosion of membership due to misunderstandings last year on renewal of certification. This goal was accomplished. Four members were certified during 1987, one was reinstated and one application is pending.

PROGRAM

Chairperson Ward Lenz reported that the summer meeting was held on October 3, 1987 at Viola Illinois. The third Annual Soil Texturing Contest was held, with Bob Darmody taking top honors. Following the contest, a tour was conducted along the Edwards River Basin in Mercer County. Steve Elmer, Bob Darmody, Leon Follmer and Wiley Scott led the tour.



Chairperson Don Fehrenbacher discussed the revisions his committee made in the code of ethics. The revisions were approved at the council meeting prior to the Annual meeting.

STATE SOIL

Chairperson Earl Voss reported that his committee will be sprucing up the written nomination for Drummer. They will also assemble a package for information distribution. No progress has been made toward having a state soil recognized. Work will continue next year.

QUALIFICATIONS STANDARDS

Chairperson Tonie Endres reported the objective of her committee was to pursue the matter of strengthening the qualification standards for GS-12 to GM-15 Soil Science positions. The committee met with Kenneth Hinkley, Assistant Director, Soil Survey Division, SCS on August 20, 1987 in Champaign, to discuss the objectives of the committee with him. He suggested sending a letter to the Deputy Chief of Administration, SCS recommending that more emphasis be placed in the rating system on recent soil science experiences and on qualifications to be a certified professional soil classifier.

The committee decided that before sending a letter to the Deputy chief, more information was needed. A letter was sent to Martha Marberry, Chief, Employment Branch, SCS requesting a copy of the rating criteria used for GS-12 to GM-15 soils positions. Ms. Marberry responded by sending a copy of the qualifications standards and position-classification standards; but no information on the rating criteria was sent.

CERTIFICATION STANDARDS

Chairperson Dave Rahe discussed the revisions in Certification Standards.

OLD BUSINESS - NONENEW BUSINESS

Dave Rahe made a motion to adopt the revisions in the certification standards. Don Wallace seconded the motion. After some discussion the motion was passed by the general membership.

Bob Lair, Staff Engineer of the McHenry Co. Planning Department discussed the possibility of cooperation between ISCA and those making on site inspections for septic systems. Such cooperation could include exchange of information. Wiley Scott suggested that care be taken to choose committee members who are full members that have paid their dues fees. The election results are as follows:

President Elect: J.D. Alexander

Vice President: Laurie King

Wiley Scott made a motion to adjourn, Fred Awalt seconded the motion. The meeting adjourned at 2:45 PM..

### Message from President Jerry Berning:

I would first like to thank Tonie Endres for the strong leadership she displayed over the last year. I was pleased to have served on the council under her leadership. As we move into another busy year, I trust that as committee chairmen seek help on various committees, members would be willing to help. The efforts of many of our members to promote wise land use through the knowledge of soil properties has led to the pending decision of the Illinois Department of Public Health to require more accurate soil information for the installation of sewage disposal systems. I applaud your efforts and encourage you to spend the time it takes to educate land users and public officials as to the need for accurate soils information compiled by qualified soil classifiers. With SCS contracting out soil mapping, other agencies hiring soil classifiers, as well as a potential 40,000 onsite investigations required by the private sector, ISCA can play a greater role. So, I encourage all members to be involved, even if it is simply submitting an article for the Newsletter.

There is good news from the Illinois Department of Public Health. This agency which writes the State codes for onsite sewage treatment is interested in changing the code. They want to change the criteria for the selection of a proper sewage treatment system from a percolation test to a onsite investigation by a soil classifier. They have contacted ISCA to be sure that we concur with those changes. We assured them that we did concur. They also asked if ISCA had enough soil scientists to do the job. Such a change in the private sewage disposal code would require approximately 40,000 onsite investigations per year based on 1987 activities. That is a tremendous work load. We are not sure that there are enough soil classifiers available to do the job. We may need to recommend to the department an interim program until enough soil classifiers are available to do the work. We are pleased with your efforts in educating public health officials as to the need for qualified soil classifiers to make determinations. The public health officials have turned to ISCA for guidance and we want to use wisdom in making a recommendation. Please give this matter some thought. We will be discussing it at our Council Meeting in early June.

### People

Douglas E. Walk, county soil scientist in Crawford County, IL, accepted a position as a soil scientist with the SCS in Arizona. He reported there the first of February.

Kevin Matthews, county soil scientist in Crawford County, coached the seventh grade basketball team. The Robinson team finished the 1987-88 season with a 12-4 record.

Submitted by Fred Awalt

### WSPSS Tour

The Wisconsin Society of Professional Soil Scientists reported in the "Dirt Dauber Newsletter" that there will be a tour of pedological, geological, and archeological aspects of the Driftless Area on June 10 and 11. Contact Jane Hansen, 1803 11th St., Meconomie, WI 54751 for details.

Election Results

John Alexander was elected President-Elect.  
 Laurie King was elected Vice-President.  
 Other Council Members:  
 Tonie Endres: Past President  
 Dave Rahe: Chairman of Constitution and By-Laws Committee  
 Wilbur Chrudimsky: Chairman of Ethics, Registration, and Membership  
 Committee  
 Don Fehrenbacher: Chairman Public Relations and Education Committee  
 Robert Darmody: Chairman Newsletter Committee  
 Dan Mueller: Program Committee  
 Earl Voss: Special Committee - State Soil  
 Secretary: Bob Tegeler  
 Treasurer: Steve Zwicker

ISCA Certification Board:

Makeup of the Certification Board for the current year:

Donald L. Wallace, Chairman  
 John C. Doll, Vice Chairman  
 Fred L. Awalt, Secretary  
 Mark W. Bramstedt, Member  
 Emil E. Kubalek, Member  
 Carl E. Wacker, Member

Applications with the proper fee and transcript(s) should be submitted to the Board Secretary.

Friends Trip

This year the Midwest Friends of the Pleistocene field conference will meet May 21-22 in southwestern Michigan and will focus on the sedimentology and stratigraphy of drift deposits exposed along the Lake Michigan shoreline and inland from the lake shore. Because most of the exposures are on private property, the trip will be limited to 90 participants.

Lodging and meals will be available at the Michigan State University Kellogg Biological Station, Hickory Corners, Kalamazoo, Michigan. Contact person is:

Grahame J. Larson  
 Department of Geological Sciences  
 Michigan State University  
 East Lansing, MI 48824

## The Indiana Association of Professional Soil Classifiers

The Indiana Association of Professional Soil Classifiers met on March 23 in Indianapolis, Indiana for their Annual Meeting. ISCA member Mark Bramstedt was the guest speaker. The topic of his presentation was the merits of certification and/or registration and the certification program in the Illinois Soil Classifiers Association. The IAPSC membership is investigating the establishment of a certification or licensure program for soil classifiers in Indiana. They were interested in the ISCA program and the history behind its adoption. The meeting was attended by about 35 members of IAPSC, some of whom expressed interest in membership and certification in ISCA.

### Notes From Your Newsletter Committee

The committee this year includes:

Chairman/Editor:	Robert G. Darmody Agronomy Department University of Illinois 1102 S. Goodwin Ave. Urbana, Illinois 61801
Assistant Editor:	John P. Tandarich
Production Editor:	Barbara R. Springer
Managing Editor:	J. Wiley Scott

We appreciate your contributions to the Newsletter. The Newsletter is only as good as the materials submitted by the membership. Please send your articles to any of the committee members, preferably in publishable condition.

### Earl Voss Retirement Luncheon:

Retiring State Soil Scientist Earl Voss will be honored at a luncheon on Saturday, June 25, 1988. The planned festivities commence at 11.30 A.M. with a cash bar followed by the meal at noon which shall include remarks by friends and associates. This event will be held at the Chancellor Inn in Champaign. Further information will be forthcoming. Please direct any questions to Barbara Nowak at 217/398-5366. Please mark your calendars now.

### For Sale by the U of I Field and Furrow Club

#### High Quality, Individually Made:

Soil Monolith Trays (Liquid Fixer \$12.00 per gallon)	\$ 4.00 each
Crop Seed Sets for Judging Quality	\$15.00 per set
Standard Soil Sets for Soil Testing	\$16.00 per set

Also try the handshelled and cleaned, great tasting Field and Furrow Popcorn - \$1.00 per pound

Contact Dr. Ted Peck (217/333-9486)

Mr. Lawrence L. Acker  
1710 N. Summer Hill Rd.  
Polo, IL 61064

Dr. Robert G. Darmody  
Univ. of IL at Urbana-Champaign  
N-409 Turner Hall  
1102 S. Goodwin Ave.  
Urbana, IL 61801

Mr. Jon Guntow  
P.O. Box 660  
Toulon, IL 61483

Mr. John D. Alexander  
2607 Melrose Dr.  
Champaign, IL 61820

Dr. John C. Doll  
1702 Harrington Dr.  
Champaign, IL 61821

Mr. Richard G. Hootman  
180 Mohawk  
Carol Stream, IL 60188

Mr. Fred L. Awalt  
800 Gordon  
Effingham, IL 62401

Ms. Tonie J. Endres  
Clay Co. Soil Survey  
245 Chestnut St.  
P.O. Box 249  
Louisville, IL 62858

Mr. James K. Hornickel  
RR 2, Box 299  
Bloomington, IL 61701

Mr. Lindo J. Bartelli  
1414 Cedar Street  
Hannock, MI 49439

Dr. Joe B. Fehrenbacher  
1616 Sheridan Road  
Champaign, IL 61821

Mr. Sam J. Indorante  
University of Missouri-Columbia  
21 Mumford Hall  
Columbia Missouri 65211

Mr. Gerald V. Berning  
11 Penwood Dr.  
Rushville, IL 62681

Mr. Donald J. Fehrenbacher  
Soil Conservation Service  
18 Heritage Plaza, Suite 101  
Bouboonnais, IL 60914

Dr. Ivan J. Jansen  
Univ. of IL at Urbana-Champaign  
W-401a Turner Hall  
1102 S. Goodwin Ave.  
Urbana, IL 61801

Mr. Mark W. Bramstedt  
409 Sutherland  
Paris, IL 61944

Mr. Bryan Fitch  
Sullivan Mobile Home Park  
Rt. 14 W., No. 18  
Benton IL 62812

Mr. Dennis Keene  
607 E. Peabody Drive,  
Natural History Survey  
Champaign, IL 61820

Mr. Lester J. Bushue  
1911 Scottsdale Dr.  
Champaign, IL 61821

Dr. Leon R. Follmer  
Illinois State Geological Survey  
615 Peabody Dr.  
Champaign, IL 61820

Mr. Linus M. Kiefer  
Route #3, Box 177A  
Watseka, IL 60970

Mr. Dale E. Calsyn  
806 E. Washington  
Havana, IL 62644

Dr. Charles J. Frazee  
Route #1, Box 14B  
Divernon, IL 62530

Mr. Patrick Kelsey  
711 Wilder  
Aurora, IL 60506

Mr. Richard Christ  
A&L Agricultural Labs  
411 N. Third Street  
Memphis, TN 38105-2723

Mr. Thomas J. Fredrickson  
417 Fairway Lane  
Amery WI 54001

Ms. Laurie L. King  
1008 Oakridge  
Effingham, IL 62401

Dr. Wilbur W. Chrudimsky  
107 Veronica Way  
Normal, IL 61761

Mr. Andrew Gallagher  
1008 George St.  
Lake Geneva WI

Dr. Albert A. Klingebiel  
2413 Countryside Dr.  
Silver Spring, MD 20904

Mr. David L. Cremeens  
514 Fairlawn Dr.  
Urbana, IL 61801

Dana R. Grantham  
714 Palace Dr.  
Pinkneyville, IL 62274

Mr. William R. Kreznor  
515 W. Grant  
Paris, IL 61944

Emil E. Kubalek  
3408 56th Street Place  
Moline, IL 61265

Mr. Clifford C. Miles  
1121 E. Forest Park Dr.  
Greenwood, IN 46142

Dr. Richard H. Rust  
1922 Autumn St.  
St. Paul, MN 55113

Mr. Mike Kuhn  
929 N. Hickory St.  
Waukegan, IL 60085

Mr. Daniel G. Mueller  
P.O. Box 461  
Griggsville, IL 62340

Mr. Larry Sabata  
206 Western Ave.  
Nashville, IL 62263

Mr. G. Ward Lenz  
Clinton Co. Soil Survey  
Soil Conservation Service  
1057 Fairfax  
Carlyle, IL 62231

Mr. Stanley H. Murdock  
218 NE 10th St.  
Washington, IN 47501

Mr. J. Wiley Scott  
411 N. Dorchester Dr.  
Mahomet, IL 61853

Mr. Michael E. Lilly  
6 Village Rd.  
Hannibal, MO 63401

Dr. Russell T. Odell  
914 Lincolnshire Dr.  
Champaign, IL 61820

Ms. Martha E. Sheppard  
Bowling Green Soil Survey  
Rt. 2, V-5  
Bowling Green, MO 63334

Mr. Robert J. Linder  
RR2, Box 300  
Taylorville, IL 62568

Mr. Robert P. Oja  
711 E. Losey St., Apt. 1  
Galesburg, IL 61401

Mr. H. Raymond Sinclair  
410 Montrose Ct.  
Indianapolis, IN 46234

Dr. John S. Lohse  
318 Park Street, P.O. Box 54  
Rochester, IL 62563-0054

Dr. Kenneth R. Olson  
Univ. of IL at Urbana-Champaign  
Agronomy Dept. N-405 Turner Hall  
1102 S. Goodwin Ave.  
Urbana, IL 61801

Mr. Kim D. Smail  
627 E. Calhoun St.  
Macomb, IL 61455

Mr. Charles L. Love  
1115 S. Carolina St.  
Louisiana, MO 63353

Mr. Walter D. Parks  
116 Apple Lane  
Anna, IL 62906

Mr. Randy E. Staley  
Peabody Coal Company  
Indiana Division  
P.O. Box 568  
Dugger, IN 47848

Mr. D. Rex Mapes  
451 Lambourne Ave.  
Worthington, OH 43085

Mr. John E. Paschke  
591 S. May Ave.  
Kankakee, IL 60901

Mr. Robert A. Tegeler  
302 Florence St.  
Morrison, IL 61270

Mr. W. Scott Martin  
113 Marshall Place  
Carmi, IL 62821

Mr. Allan J. Pasteris  
Winnebago County SWCD  
3820 Auburn Street  
Rockford, IL 61103

Earl E. Voss  
4009 Farhills Dr.  
Champaign, IL 61821

Mr. Robert McLeese  
RR 1, Box 238  
Monticello, IL 61856

Mr. John R. Pearse  
1010 N. Allen  
Robinson, IL 62454

Mr. Carl E. Wacker  
815 W. Carroll St  
Macomb, IL 61455

Ms. Laura L. Merkel  
Livingston County Soil Survey  
310 E. Torrance Avenue  
Pontiac, IL 61764

Mr. David B. Rahe  
724 S. West St.  
Jacksonville IL 62650-2823

Mr. Michael J. Walczynski  
416 W. Piper  
Macomb, IL 61455

Mr. Michael B. Walker  
320 Barsi Blvd., No. 1  
Macomb, IL 61455

Mr. Donald L. Wallace  
643 North Kansas  
Edwardsville, IL 62025

Mr. Benny J. Weiss  
Route 3, Box 118  
Harrisburg, IL 62946

Mr. Roger D. Windhorn  
62 Holiday Dr.  
Clinton, IL 61727

Mr. Steven E. Zwicker  
772 Mayfair Dr.  
Route #6  
Princeton, IL 61356

**Official dirt — er, soil:** The House voted Monday to designate Myakka Fine Sand — better known as beach sand — as the official state soil.

The bill was sponsored by Rep. George Crady, D-Yulee. His colleagues responded with a proposed amendment designating Crady as the state's official sandman.

That amendment died, and the bill (HB 50) was approved 106-5.

Critics, including House Minority Leader R. Dale Patchett, R-Vero Beach, said the legislative mania for naming things clearly had gotten out of hand.

"We've got a state bird, a state flower, a state animal. There's just no need for a state soil," Patchett said.

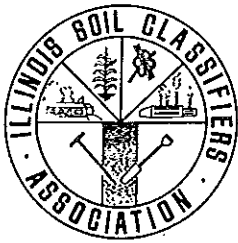
But the naming mania is not over yet. Representatives later this week will vote on a bill (HB 254) that would designate key lime pie as Florida's official state pie.

In previous discussions, Rep. Mike Friedman, D-Surfside, failed in an attempt to have asphalt declared the official soil in metropolitan Southeast Florida.

Crady was called upon to explain the difference between dirt, sand and soil.

"Soil is something that you grow a product in, but once it becomes part of your hand or part of your rug or gets tracked into your house, it becomes dirt," Crady said.

— A Tribune Staff, Wire Report



# ILLINOIS SOIL CLASSIFIERS ASSOCIATION

SEPTEMBER 1988 NEWSLETTER

## NEWSLETTER CONTENTS

President's Message  
Farm Progress Show  
Fall Meeting Announcement  
ISCA Council Meeting Notes  
Forest Soils Workshop  
ISCA Handbook

### A Message From President Jerry Berning

As you read the minutes of the last two council meetings, you'll realize that we've been quite busy. I want to thank all those on the executive council as well as committee chairpersons for their support over the last few months. A special thanks goes to Don Fehrenbacher and his committee as they have been assigned the task of working with the Illinois Department of Public Health in revising the on-site sewage disposal code. They are doing an outstanding job.

Several of our members met with Doug Ebbelherr and other State public health officials on July 15 in Peoria. Also in attendance were Bill Simmons from the University of Illinois and public health officers from McHenry and Winnebago counties. Bob McLeese represented the Soil Conservation Service. Doug and his staff were impressed and are looking forward to working with ISCA. Before we can go any further toward eliminating perc tests as criteria for on-site sewage disposal, we must develop a soil standards manual for the state of Illinois. A standards manual will serve as a guide to soil classifiers, making on-sites, as well as to engineers, contractors, health department officials and others who must be involved with the installation of systems that will function properly. We are meeting again with the health department officials on September 7. Other members of ISCA will be needed as we develop standards and follow this process through to completion. There is no date yet established for a code change that would require an on-site by a certified soil classifier. I encourage all those who are eligible for certification to become certified. One of the concerns of the Department is whether there are enough classifiers to handle approximately 40,000 on-sites per year. ISCA has assured them that there are. Hope to see you at our summer (fall meeting) in October. Get involved!!!

Submitted by Jerry Berning





### Soil Classifiers Needed at Farm Progress Show

Soil classifiers will be needed during all three days of this year's Farm Progress Show to be held September 27-29 at West Brooklyn, Illinois. A soil pit will be dug and soil classifiers are needed to explain the soil characteristics to those viewing the pit.

Another pit is to be dug in the area where various tillage methods are to be demonstrated. Soil classifiers are needed to point out compacted layers in the soil.

ISCA is being listed as a sponsor so we need to participate. It would be best if we could have 2 classifiers in each pit at all times, 8:00 a.m. to 5:00 p.m. Bring a prospective member along to help. Contact Wiley Scott by September 15 if you are willing to help.

### ISCA Fall Meeting

The 1988 fall meeting of the Illinois Soil Classifiers Association will be held October 29th at the North Sandusky Creek Recreation Area of Rend Lake (see map for location). The meeting will begin with a council meeting at 11:00 A.M. followed by a pot-luck meal starting approximately 11:45 A.M. Members are asked to bring a dish to pass and eating utensils. Refreshments will be provided.

The picnic shelter we have reserved for the meeting and meal is an open shelter (dress appropriately) with electrical outlets and flush toilets. Rend Lake is a very large recreation area in Southern Illinois and brochures and maps will be available at the meeting for those wishing to take advantage of the camping - fishing - boating - hiking - golfing - trap shooting - or dining available.

The field trip will be conducted by Dr. Robert Darmody. He will show the group examples of his research activities in the area. There will be soil pits located in the Glacial Lake Muddy basin as well as on the shore of that Pleistocene lake now partially occupied by Rend Lake. Authigenic barite and Sangamon paleosols will be discussed. In addition, examples of underground coal mine subsidence effects will also be shown. The tour will last till approximately 3:00 P.M. All members and other interested individuals are invited.

### ISCA Council Meeting Notes June 25, 1988

President Jerry Berning called the meeting to order at 9:50 a.m. The following members were present: Jerry Berning, Laurie King, Tonie Endres, Steve Zwicker, Bob Tegeler, Don Fehrenbacher, Bob Darmody, and Carl Wacker.

Bob Tegeler read the minutes of the previous council meeting. They were passed with a motion by Tonie Endres and seconded by Steve Zwicker. Bob then read the minutes of the Thirteenth Annual Meeting. They were passed with a motion made by Tonie Endres and seconded by Laurie King. Tonie mentioned the need for the President's signature on certificates for membership.

Steve Zwicker gave the treasurer's report stating the balance at the annual meeting was \$3,359.04 and the balance as of June 25, 1988 was \$3,351.74. Steve related that the 1987 budget as of June 1987 was \$2,570.00, compared to the 1988 budget of \$ 3,351.74 the financial situation looks better this year. A motion to approve the treasurer's report was made by Steve Zwicker and seconded by Laurie King. The motion passed.

#### CORRESPONDENCE

Tonie reported that she had received a newsletter from the Missouri Association of Soil Scientists. Tonie also discussed a letter she received from the Ohio Pedologists association. They are requesting our participation in a display at the annual meeting of the Soil and Water Conservation Society. Due to the distance from Illinois, the request was denied. Bob T. related a letter he had received from Mark Bramstedt concerning a request from the Indiana Professional Soil Classifiers. They requested a copy of our revised Code of Ethics and Certification Standards. Jerry B. will forward the request to Dave Rahe Chairman of constitution and By - Laws Committee.

#### COMMITTEE REPORTS

CONSTITUTION AND BY-LAWS - no report

ETHICS, REGISTRATION AND MEMBERSHIP: Chairperson Wilbur Chrudimsky  
Jerry Berning reported for Wilbur who was unable to attend. The members of Wilbur's committee consisted of J. D. Alexander, Jim Hornickel, Bob McLeese, and Mike Walczynski.

The following applicants were approved for full member status: Bruce Putman, and Steve Suhl. Applicants approved as associate members were Robert OJA and Peter Weikle. The motion to approve the applicants was made by Steve Zwicker and seconded by Laurie King. The motion passed. Bruce Houghtby was approved as a full member, at an earlier date by the committee.

PUBLIC RELATIONS AND EDUCATION: Chairperson, Don Fehrenbacher  
The discussion centered on the decision by the Illinois Department of Health to change the State Codes for onsite sewage treatment. The change would move on site inspections away from percolation tests to on site soil investigations by a soil classifier. The main issue is the large workload required to do the job.

With the present FSA workload SCS cannot assist with the work now, but may be able to assist once the soil mapping in Illinois is done. Don F. suggested the possibility of starting in certain areas or counties where there are soil classifiers presently working. This would be done on an interim basis until once over mapping is done in Illinois.

A discussion ensued concerning the codes each county will be developing. Their codes will have to be at least as strict as the state code. The main concern Don F. raised was the qualifications needed to be a soil classifier for on sites. Don related that McHenry Co. requires the soil classifier be an associate member with 1 year of experience. The possibility of requiring a person to be a full member was discussed. No definite action was taken. However, it was agreed upon that a standard should be set and adhered to by all counties. Don F. also suggested ISCA should not get involved in recommending individuals for on site jobs, rather it should be up to the individual to prove his qualifications.

Jerry Berning, Don F. and his committee will be meeting with Doug Ebbelherr in the near future to discuss the state code and the workload. Doug is with the Illinois Department of Public Health.

FINANCE: Chairperson, Laurie King  
Laurie reported that she will examine the current budget with Steve Zwicker and report on its progress at the summer meeting. Her committee will consist of Brian Fitch and one person who will be selected at a later time.

NEWSLETTER: Chairperson, Bob Darmody  
Bob stated that he will try to edit the newsletter for a total of 5 years.

NOMINATIONS: Chairperson, Tonie Endres  
Tonie reported that her committee consists of Mark Matusiak and Scott Martin.

PROGRAM: Chairperson, Dan Mueller  
Bob Darmody suggested sites at the Region 3 Soil Judging contest, or mine subsidence sites as possibilities for the summer meeting. ISCA received a letter of thank you from Bob Bennet the President of the Field and Furrow Club. He also requested financial assistance from ISCA for the Region 3 Soil Judging Contest to help pay for trophies. Bob Darmody suggested the money should help pay for the trophies if ISCA would be named on the trophy as a cosponsor. The actual dollar amount will be decided at the next council meeting.

Jerry Berning mentioned that he will talk further with Dan Mueller concerning the summer meeting program.

STATE SOIL - no report

QUALIFICATION STANDARDS COMMITTEE  
This committee will be discontinued.

OLD BUSINESS - none

NEW BUSINESS:  
The next council meeting may possibly be held during the SCS meeting in August.

A motion to adjourn was made by Tonie Endres and seconded by Steve Zwicker. The meeting was adjourned at 11:15 a.m.

ISCA Council Meeting August 17, 1988

President Jerry Berning called the meeting to order at 7:10 p.m. The following members were present: Jerry Berning, Laurie King, Tonie Endres, J. D. Alexander, Steve Zwicker, Bob Tegeler, Don Fehrenbacher, Dan Mueller, Dave Rahe, Bob Darmody, Wilbur Chrudimsky and Bob McLeese.

Bob T. read the secretary's report of the previous council meeting. They were passed with a motion by J. D. Alexander and seconded by Tonie Endres.

Steve Z. read the treasurer's report stating the balance as of August 17, 1988 is \$3,369.86. Steve mentioned that the budget continues to improve. The treasurer's report was approved with a motion by Tonie E. and seconded by Bob T.

## CORRESPONDENCE

Jerry B. related that the ISCA handbook is now on a computer disk. Dave R. has the disk and will work with Bob D. to try to get the handbook on the University computer. The handbook will be distributed either at the summer meeting or enclosed in an upcoming newsletter. The Membership Handbook of the Illinois Soil Classifiers Association will consist of the Constitution and By-Laws, Certification Standards, Code of Ethics and Membership application form.

## COMMITTEE REPORTS

### CONSTITUTION AND BY-LAWS - Dave Rahe, Chairperson

Dave reported his committee will consist of Mike Walker and one more member who will be selected at a later date.

### ETHICS, REGISTRATION AND MEMBERSHIP - Wilbur Chrudimsky, Chairperson

The following members were approved: Sue Azman, Associate, Carol Latowski Full, and Bryan Fitch's request to upgrade from associate to full. The motion to approve the members was made by J. D. Alexander and seconded by Steve Z. The motion passed.

### PUBLIC RELATIONS AND EDUCATION - Don Fehrenbacher, Chairperson

The meeting with Doug Ebbelherr went well. He is ready to change the State code to rely on onsite investigations by 1992 or sooner. Bob McLeese felt 1992 was the best time from the SCS point of view, since once over mapping would be nearly complete by then and the potential loss of county soil scientists would not severely impact the soil survey program in Illinois. Don F. related that a short time was needed to change the codes to phase out percolation tests by 1992.

Don F. stated that his committee recommends that only soil classifiers certified by ISCA, or ARCPACS should be qualified to perform onsite soil investigations.

A concern was raised over those who are presently conducting onsites, but are not certified. The possibility exists of allowing them to continue under a grandfather clause. No final decision was made. A concern was also raised over the possibility of a noncertified soil classifier performing onsites and having his work approved by a certified supervisor. No definite action was taken.

A discussion ensued concerning, certified soil classifiers who do not do quality work, as well as the need for insurance against lawsuits by those who don't get certified. Dan Mueller mentioned that if a formal question was prepared concerning these issues, he could present them to a Constitutional Lawyer for legal advice. A motion was made by Don F. and seconded by Tonie E. to consult with a lawyer. The motion passed. The question will ask the following items: What are the legal ramifications to ISCA, if someone sues as a result of an inaccurate onsite investigation; if someone loses their certification for doing a poor job and sues, or if someone is denied membership or certification and sues.

Bob McLeese, State Soil Scientist, related that SCS commends ISCA for their involvement in this issue of changing the state code and offers any support or training that may be needed.

Laurie King then moved that ISCA's recommendation to the Illinois Department of Public Health for onsite soil investigations, read as follows: that their minimum standard require a soil classifier who is certified by ISCA, ARCPACS or a sister association. The motion was seconded by Steve Zwicker. The motion passed.

In conjunction with the change in the Health Code will be the need to develop a manual of standards and guidelines. ISCA will participate in a joint effort to prepare the manual, by offering expertise on soil properties. The manual will be used by consulting soil scientists and designers, and will serve to support a soil scientist's decision if a legal question is raised. The members of this joint effort will be named in the near future. Once the manual is established, the state code can be changed.

FINANCE: Laurie King, Chairperson

Laurie reported that Mark Bramstedt has volunteered to serve on the Finance committee. Bryan Fitch is also on the committee.

NEWSLETTER: Bob Darmody, Chairperson

Bob reported that the next newsletter will be sent out in early September and will contain the minutes of this meeting.

PROGRAM: Dan Mueller, Chairperson

The Rend Lake mine subsidence sites were discussed as a possibility for the Summer Meeting. Tonie made a motion to have Dan's committee work with Bob D. to set a date and location for the summer meeting in the Rend Lake area. It was seconded by Bob T. The motion passed.

STATE SOIL: Earl Voss, Chairperson - no report

NOMINATIONS: Tonie Endres, Chairperson

Tonie reported that Laurie King has joined the committee.

OLD BUSINESS: none

NEW BUSINESS:

Steve Zwicker announced the need for Soil Classifiers at the Farm Progress Show. They are needed to explain soil characteristics of the soil pits at the show. This would be good publicity for ISCA and a chance to handout the ISCA brochures. This request for soil classifiers will appear in the next newsletter.

A motion to adjourn was made by Steve Z. and seconded by Bob T. The meeting was adjourned at 9:30 p.m.

*Robert Tegeler*  
Respectfully Submitted,  
Robert Tegeler, Secretary ISCA

Forest Soils Workshop

9TH CENTRAL STATES FOREST SOILS WORKSHOP

The 9th Central States Forest Soils Workshop will be held October 11-13, 1988 at Pere Marquette State Park. The park is located in western Illinois, just north of the town of Grafton.

Field stops will focus on the Mississippi River bottomland, its terraces and the adjacent uplands. Parent materials will be primarily eolian and alluvial in nature.

The area has a strong historical background. Evidence of prehistoric Americans is abundant. A speaker is scheduled to give an overview of this aspect.

Information on reservations will be forthcoming.

For further information please contact Mike Lilly, Dana Grantham, or Gary Struben.

ISCA Handbook

Dave Rahe has put together a Membership Handbook for the ISCA. It contains the code of ethics, constitution, by-laws, certification standards, and application forms for certification and membership. The handbooks will be distributed at the fall meeting. If you simply must have a copy before then, call 217/333-9489 or write the newsletter editor.

TO THE FALL MEETING:

