



The Auger



June, 2004

Volume 20, No. 2

The Newsletter of the Minnesota Association of Professional Soil Scientists

President's Message

By Roger Berggren, PSS,
MAPSS President

President's Message

By Roger Berggren, MAPSS President

Greetings to you all, on this cool and wet start of summer. It is hard to believe that in less than a month July 4th will be here and before we know it summer will turn to fall. However, now that summer is here, it is time to be thinking of our MAPSS Summer Tour. Steve Lawler, John Beck, and Peter Hartman have put together what looks like a great summer tour on Friday July 30th in Rochester. MAPSS Summer Tour registration information is included in this newsletter. Although December is a ways off, keep in mind our winter meeting is on December 3, 2004 in St. Cloud. President Elect Dennis Fuchs has lined up a very good program lined up.

This legislative session has had a couple of issues that relate to soils. MPCA is currently looking at revising the septic system rules. They have been directed to adopt rules by March 31, 2006 regarding the definition of redoximorphic features and the relation of redoximorphic features to zones of saturation. In addition, MPCA is to develop procedures on how to resolve professional disagreements on seasonally saturated soils. Robert Whitmyer and the rest of the MAPSS ISTS Committee have been following ISTS legislation and providing soil scientist input when needed. Wetland Certification is another issue that was discussed this year at the capitol. Legislation was introduced to require the Board of Water and Soil Resources to develop rules to implement a wetland delineator certification program by June 1, 2006. This proposal, however, did not pass in this session. A voluntary certification program is being

developed with Jay Bell in the Soil Science Department at the University of Minnesota to assume the lead. Refresher courses and testing will be provided through the university. By passing the test, a person would receive a certificate that could be converted to a certified wetland delineator status in the future without more testing. Future legislation would specify the lead agency and other requirements, such as continuing education and fees.

Included in this newsletter is a survey on MAPSS organizational priorities, which has been developed by Jim Arndt and the Professional Development Committee. This survey will help in determining what direction the members want the leadership to take in pursuing goals and allocating time and money. Please take time to fill out this survey and return it to Jim Arndt. The results will be presented at the summer or winter meeting.

If you know any one that used to be a MAPSS member or someone you think would be interested in becoming a member, talk to them about joining MAPSS. In the last 8 years we have lost an average of 7 members a year that have not continued their membership. Our organization is not growing in members, we are staying the same if not losing numbers. The strength in MAPSS is in our numbers and these numbers must include younger members. If we are to be recognized as a group of soil scientists we need to show we have the membership in a large enough quantity that we are a force to be heard from.

In closing I would like to remind everyone that your Professional Soil Science license is up for renewal by June 30, 2004. I would also like to thank Suzanne D' Souza for doing a great job on the MAPSS website. Have a great summer and I hope to see you at the MAPSS Summer Tour.

**Deadline for Soil Science License
Renewal is June 30, 2004**

Geoscience Licensing and Legislative Update


By Suzanne D'Souza, PSS, MAPSS Executive Secretary

License Renewals for 2004-2005

Professional soil science licenses are up for renewal on June 30, 2004. You must have 24 professional development hours (continuing education units) in order to renew your license (except for carryover permitted by the previous biennial period, which must not exceed 50% of the biennial requirement). The cost for renewal is \$120.00. You should have received your renewal notice. If you have not, contact the Board of Architecture, Engineering, Land Surveying, Landscape Architecture, Geoscience, and Interior Design (the Board) staff at 651-296-2388 immediately! Remember, there is no grace period. You must renew by June 30th or you cannot practice as a Professional Soil Scientist in the State of Minnesota.

The Board is being very tough about exempting people from submitting CEUs. Please try to earn your CEUs throughout the years and not at the last minute. Attending the Summer and Winter tours and meeting will help!

Some licensees have wondered why they can not renew their licenses on-line. Ms. Doreen Frost explained this is difficult as CEUs are needed and affidavits (signatures) are required. This, unfortunately, cannot be completed on-line.

 Over 7,284 licenses have been processed as of June 18, 2004.

The Auger is the newsletter of the Minnesota Association of Professional Soil Scientists. It is composed of articles by or submitted by the MAPSS membership.

If you want to contribute articles, contact the editors: Sara Beth Scadlock or James C. Balogh at mnsoils@aol.com

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MAPSS Officers and Committees

2004 Officers

President	Roger Berggren, PSS
President Elect	Dennis Fuchs, PSS
Past President	James C. Balogh, Ph.D., PSS
Secretary	Laure Brown, PSS
Treasurer	Douglas Miller, PSS
Exec. Secretary	Suzanne D'Souza, PSS (<i>ex officio</i>)

Membership Committee:

Dennis Fuchs, PSS – Chair, Al Giencke, PSS

Election Committee - 2004:

Al Giencke, PSS – Chair, Tom Neuenfeld, PSS

Professional Practice Committee:

Jim Arndt, PSS-Chair, Tom Fair, PSS, Patricia Wright, Kelley Bopray, PSS

Scholarship & Funding Committee:

James C. Balogh, PSS-Chair, Al Giencke, PSS, Jim Anderson, PSS

ISTS Committee:

Robert Whitmyer, PSS-Chair, Terry Bovee, PSS, Mary West, PSS, Mike Rutten, PSS, Peter Miller, PSS, Mark Wespetal, PSS

Education Committee:

Peter Hartman, PSS-Chair, Thomas Jackson, PSS, Kim Steffan, PSS, Howard Hobbs, PG, Jorja DuFresne, PSS

Award Committee - 2004:

Steve Stark, PSS – Chair, Jorja DuFresne, PSS

Geoscience Board Member Announces Retirement

**By Suzanne D'Souza, PSS, MAPSS
Executive Secretary**

After four years of excellent service to the citizens of Minnesota, Dr. Dawn Tracy, PSS, has announced her retirement from the Minnesota Board of AELSLAGID. She will remain the President of the Council of Soil Science Examiners through to the end of 2005. Congratulations and profound thank you from all MAPSS members for your dedication to both the Minnesota Board and the CSSE.

The PSS board member position is up for renewal January 2005. The Governor appoints this position. Contact the Christine Fowler at the Board of AELSLAGID (651296-2388) for instructions on obtaining the appropriate forms. Any interested parties should send applications directly to the Secretary of State. The Board Member position involves meeting on a monthly basis (approximately the third Friday of each month) in downtown St. Paul for at least two or four hours.

ISTS Committee Update: 2004 Legislation

**By Robert Whitmyer, PSS,
ISTS Committee**

During the legislative session this spring, the MAPSS in conjunction with the Minnesota Onsite Sewage Treatment Contractors Association (MOSTCA) and the University of Minnesota Extension provided testimony and follow-up input regarding Minnesota Senate File (S.F.) 1900/House File (H.F.) 2000. S.F. 1900/H.F. 2000 are companion bills proposed for clarifying current Minnesota Rules, part 7080.0110, subpart 4, item D, subitem (5), that address the interpretation of soil color as it relates to periodic saturation. Chief author of the bill, Senator Michael Jungbauer of East Bethel – an ISTS (individual sewage treatment system) designer that often works in the Anoka Sand Plain – has attempted to address perceived incorrect and inconsistent interpretations of site

subsurface hydrology, through observation and interpretation of soil colors, with the legislation.

MAPSS opposed use of unconventional phrases, such as “redoximorphic inclusions,” and incongruous reasoning, such as reference to zones that are not periodically saturated as redoximorphic, in original wording of S.F. 1900/H.F. 2000. We also opposed the default position created by the legislation – that is, potential zones of periodic saturation (reflected through soil features such as mottles or low matrix colors) have to be proven to be periodically saturated using methods unspecified in the legislation or elsewhere in state rule – and ISTS designers being the arbiter of resulting disputes. As a result of this opposition and follow-up input, current version of the legislation recommended for passage requires defining specifically soil features that may be redoximorphic and other criteria designers and inspectors may use to interpret site subsurface hydrology, defining procedures for resolving disputes, and implementation by March 31, 2006.

Volunteer Needed for the Auger Editor

Now that Sara Beth Scadlock is approaching graduation with an MS in Soil Science from the University of Minnesota, she will be seeking permanent employment. She will no longer be able to continue her good work as the Auger Editor. James C. Balogh will act as temporary editor through the end of this year. All of those interested in volunteering for this position should contact **Roger Berggren**, roger.berggren@co.mcleod.mn.us.

MAPSS Winter Business Meeting Minutes: December 5, 2003

**By Laurie Brown, PSS,
MAPSS Secretary**

The MAPSS Winter Business Meeting was held on December, 5 2003; at the Earle Brown Center at the University of Minnesota, St. Paul. The following are the topics discussed:

1. **Call to Order** and Welcome at 11:00 a.m. by President James Balogh.
2. **Secretary's Report:** Minutes from the Summer 2003 Business Meeting were reviewed. Motion by T. Cooper, second by T. Fait to approve minutes with one name change, motion approved.
3. **Treasurer's Report** (see attached): Motion by R. Skarie, second by D. Comeau to approve Treasurer's Report, motion approved.
4. **Committee Reports:**
 - ISTS:** (Bob Whitmyer, Chair) ISTS met on October 1, 2003. The focus of the meeting was to determine how MAPSS could help in the ISTS industry. The committee would like to:
 - * Raise the standards of the ISTS industry and also raise awareness of Professional Soil Scientists (PSS) within the industry.
 - * Create a document explaining the importance of PSS within ISTS.
 - * Identify areas that need improvement and make recommendations for improvement.
 - * Get involved in the new guidelines being developed by MPCA for large systems.
 - * Get involved with new state codes currently being revised by MPCA.
 - * Survey the Local Units of Government (LUG) to see what PSS needs there are at the local level.
 - * Look at programs the LGU's are responsible for and identify where they may not have the expertise to meet those responsibilities. Let the LGU's know the PSS are out there and willing to help out.

70-80% of ISTS installers are also designers, despite their lack of knowledge and high level of discomfort with soil characteristics and properties. If these individuals are exposed to PSS and the services we can provide they will use us.

Membership: (Dennis Fuchs, Chair) Dennis encouraged all PSS to expose students to MAPSS. He recently made a presentation at a student forum and encouraged all to do the

same, at the University and other schools around the state. Focusing on ISTS as a work opportunity, as well as other private sector work is a good way to generate interest. The Board needs to maintain a presence with the students, good venues are; freshman orientation, career talks, classroom visits, Sr. Seminar courses and through discussions with Department Heads. MAPSS should make it known that many of our members are available and willing to go and speak at any number of venues, a speaker's bureau of sorts. New NRCS employees will be invited to join MAPSS by the President, Al G. will provide names to Roger.

MAPSS members should also make it a point to hit the local Envirothon competitions at the high school level. SWCS sponsors these competitions at the local and state level, there are 7 area competitions in mid-late May, with the top 2 teams participating in the state competition. The Envirothon attracts juniors and seniors interested in natural resources. We can attract their interest in soils before they select their post secondary schools and their majors. Contact NRCS Area Resource Soil Scientists or the MN Assoc. of Soil & Water Conservation Districts for info. MAPSS should have a display at the state competition.

Education: (Peter Hartman, Chair) This committee has been working with the Science Museum. Feb.-March they will be designing the soil exhibit, it will include microscopes and tool kits. If they create a wetland, how long till redox features develop? Contact Peter if you have any suggestions/ideas for the exhibit.

Web Site: (James Balogh) A new Webmaster is needed. Currently Suzanne cannot access the site to update it. Peter Weikle volunteered to look into being Webmaster.

Professional Development/Practice: (Jim Arndt) A draft survey to go out to the

membership with the next edition of the Auger. Education and outreach will be addressed so MAPSS can focus on where we're going as an organization; who we are, our funding priorities and to get input to the committees.

Licensing: Since 1997 MAPSS has devoted a lot of money and energy to licensing. We need to continue to have a strong voice and presence in this area, something that's been lacking for the past 3 years. Since the majority of the general membership is not involved in PSS activities, it was suggested that a subcommittee be dedicated to focusing on licensing and certification, legislative, and Board issues. This subcommittee would be a "quick acting" group, one that can make decisions and react to issues without going through the Executive Committee. This issue will be addressed in the upcoming survey.

Scholarship and Funding: (James Balogh) A draft of *Bylaw Number Two* for funding of scholarships and extramural projects was handed out to the membership. Jim would like written comments sent to him at mnsoils.com. A final draft will be in the next newsletter, and then sent out in the mail for a vote prior to the summer meeting. The endowed fund does not preclude people from asking for money from the general operating fund. There is currently a spending moratorium until the endowment is in place. A priority for funding is college scholarship(s). If approved by the membership, all current funding commitments will be rolled into the endowed fund once it is set up.

5. **Executive Director's Report:** Suzanne reported that there is not much going on at the legislature right now. There are still 2 investigators for the Board. They are looking for PSS to proctor exams. If you are interested contact Doreen Frost at the Board, no experience needed.
6. **Smithsonian Project:** The discussion on reconsidering the state soil will be

postponed. A reminder that the membership list will be provided so a one-time solicitation can be made from MAPSS members sometime in Jan-March, 2004. Private companies should also be approached to support this project. We need \$10,000 for a state monolith.

7. **Summer Meeting:** First call for volunteers. No takers today.
8. **Election Results:** (Al Giencke)
President Elect: Dennis Fuchs
Treasurer: Procedural error. Will send out new/corrected ballot ASAP.
9. **Soil Scientist of the Year Award:** (Stark and DuFresne)
The award was presented to Dr. HH Cheng
10. **Honorary Members:** New members to this group are Saari, Matsdorf, Polk, and Cheng.
11. PSS needed for MPOWER committee. Interested people should contact Peter Miller.
12. The gavel was passed to the new president.

Meeting was adjourned at 12:11 p.m.

Final Committee Draft of the Proposed Constitutional Bylaw for Scholarships, Extramural Funding, and Establishment and Management of an Endowed MAPSS Fund

By the Scholarship and Funding Committee

This is the final draft of the proposed MAPSS constitutional bylaw for Scholarships, Extramural Funding, and Establishment and Management of an Endowed MAPSS Fund. This will be the fourth and last opportunity for voting MAPSS members to comment on the proposed bylaw. All comments should be submitted in writing to the Scholarship and Funding Committee prior to the MAPSS Summer Business Meeting. The final comments will be evaluated by the committee, submitted to the MAPSS

Executive Committee for final approval. At that time the final version will be submitted to all voting MAPSS members for approval or disapproval. The Scholarship and Funding Committee thanks all MAPSS members who have submitted constructive comments on the scholarship and extramural funding proposal.

The scholarship and funding committee recognizes the priority survey submitted by the Professional Practice Committee may change whether the endowed fund is a priority of the voting MAPSS members. If the scholarship and endowed fund is no longer a priority of the membership, this proposal certainly can be withdrawn. Therefore, it is important that all MAPSS members complete and submit the priority survey.

Proposed: BYLAW NUMBER TWO TO THE MAPSS CONSTITUTION

Scholarships, Extramural Funding, and Establishment and Management of an Endowed MAPSS Fund for Monetary Funding of Scholarships and other Extramural Project

I. ESTABLISHING A SCHOLARSHIP AND EXTRAMURAL FUNDING COMMITTEE AND FUNDING PROCESS

MAPSS has determined that funding requests for scholarships and extramural projects shall be funded from the interest and other income derived from a dedicated endowed fund. Funding for scholarships and extramural projects shall be maintained separately from other MAPSS funding sources.

Rules and Guidelines for Establishing and Maintaining the Scholarship and Extramural Funding Committee (SE Committee):

(1) The role of the SE Committee shall be to:

- Screen all scholarship and extramural funding requests based on (i) available income from the endowed fund; (ii) whether the funding request meets MAPSS organizational goals; and (iii) whether the funding request meets the screening process as outlined in Subsection (3) of Section I.
- Establish and maintain an interest bearing, endowed fund to provide funding for scholarship and extramural funding requests. This account shall be separate from the MAPSS operational budget.

- Establish and maintain a funding request process for scholarship and extramural funding requests.
- Report all the results of funding requests to the MAPSS Executive Committee for approval by the MAPSS membership.
- Solicit funds for the endowed fund and maintain the endowed fund in a manner, which protects the principal of the fund and generating sufficient income to maintain approved activities.

(2) Selection and Tenure of the SE Committee Members:

Members and tenure of the SE Committee shall be:

1. The chairperson of the committee shall be the Past President of MAPSS as elected by the MAPSS membership (1 year term).
2. The treasurer of MAPSS as elected by the MAPSS membership (2 year term).
3. One academic MAPSS member appointed by the MAPSS President (3 year term).
4. One government MAPSS member appointed by the MAPSS President (3 year term).
5. One private sector MAPSS member appointed by the MAPSS President (3 year term).
6. One student MAPSS member appointed by the MAPSS President (2 year term).

A quorum for the SE Committee meetings shall be 4 voting SE Committee members.

(3) Scholarship and Extramural Funding Request and Funding Grant Process

In order to keep MAPSS members informed of all funding requests, the following procedures shall be followed so all requests can be considered objectively and consistently. All information requested for scholarship and extramural funding requests must be submitted in writing to the SE Committee by the organization requesting the funding. This information must meet the following criteria:

1. Submit the full request in writing to the SE Committee prior to six months prior to the request for fund allocation in order to prepare the request for the MAPSS Executive Committee. This request is submitted by the requesting organization to the SE Committee.
2. Contain the amount, purpose, and recipient(s) of the funding.
3. Contain a detailed description of the organization requesting the funding.
4. Contain a detailed explanation of how the funding request will benefit MAPSS and the

professional practice of soil science in Minnesota.

5. Contain a detailed explanation of how the funding request meets the established professional priority goals of MAPSS.
6. Submit the final request in writing to the MAPSS Executive Committee prior two months prior to the MAPSS Summer Business Meeting or MAPSS Winter Business Meeting. The SE Committee prepares the request submitted to the MAPSS Executive Committee. The request submitted to the MAPSS Executive Committee shall include a recommendation for approval or denial of the scholarship or funding.
7. Reviewed by the MAPSS Treasurer and SE Committee to determine whether the MAPSS Endowed Fund will sustain the request without negative effects on current association commitments.
8. Review by the MAPSS Executive Committee to determine if the request is consistent with overall MAPSS priorities, mission, and goals. Proposals not meeting the requirements of items 1 through 7 will receive a negative review by the MAPSS Executive Committee.
9. Published in the MAPSS Newsletter or e-mailed to the membership via the Newsletter News Update Service prior to the next available business meeting. The proposal and the findings of the MAPSS Executive Committee, MAPSS Treasurer, and SE Committee are included in the Newsletter or in the e-mail ballot.
10. Meet the approval of the MAPSS membership by majority vote of all MAPSS members. The ballot will be sent by e-mail to MAPSS members using the Newsletter News Update Service. Paper copies will be sent to those members not using the e-mail service.

II. ESTABLISHING A SCHOLARSHIP AND EXTRAMURAL ENDOWED FUND

All funding for future scholarship and extramural projects shall be paid out of the interest or income generated by the MAPSS Scholarship and Grant Endowed Fund (Endowed Fund). In order to fund sustainable annual scholarships and extramural funding, only the principal from the Endowed fund will be used for funding scholarships and extramural projects.

Sources of revenue for the endowed fund shall be, but not limited to, from voluntary donations by MAPSS members, voluntary donations from estates of MAPSS members or others interested in the scholarship and funding programs of MAPSS, voluntary donations from and other sources of revenues as suggested by MAPSS

members or the SE Committee and approved by the MAPSS executive committee.

No scholarships or extramural funding will be considered until the principal of the endowed fund has a minimum principal balance of \$15,000.00.

The Endowed Fund shall be managed by the SE Committee under the direct supervision of the MAPSS Executive Committee prior to commitment of funds to any investment. The MAPSS Executive Committee shall approve all transactions in the Endowed Fund. The principal of the Endowed Fund shall be maintained in conservative interest bearing investments in order to sustain the account and generate income for scholarships and extramural project funding over the life of MAPSS.

Soil Scientists at Work

Be one of the first 10 MAPSS members to identify these two professional soil scientists and the names of their employers and Spectrum Research, Inc. will donate \$10.00 to the Smithsonian Soils Exhibit in your name. Send your answer with your name and address to mnsoils@aol.com.



MAPSS: 2004 Summer Workshop & Business Meeting

Choice topics of special soil and geological interest in the Rochester, MN area

July 30, 2004
8:00 am - 5:15 pm

Izaak Walton League Cabin
Rochester, Minnesota

Southeastern Minnesota has soils and landscapes not found in the rest of the more recently glaciated parts of the state. For example in the Decorah Edge areas around Rochester an aquifer flowing in an upper carbonate bedrock unit comes to the surface perched on shale bedrock, expressed as wetland benches on valley sides. This water moves across the surface of the shale bench and in the process has some of the nitrate contamination in the water removed. Then the water reenters the St. Peter Sandstone down slope in a zone of focused recharge. A relatively high percentage of the ground water used by the city of Rochester flows across the Decorah Edge. Recent urban growth in Rochester is encroaching on the Decorah Edge which is a concern not only because of the clayey, often wet soil conditions present but also because of the groundwater recharge occurring in this area.

The Decorah Edge and other interesting topics will be presented at the MAPSS 2004 Summer Workshop.

Continuing Education Credits: 6.0

Topics & Speakers:

- The Decorah Edge
Terry Lee,
Rochester/Olmsted County Planning Department
- Nitrogen movement and corn production
Dr. Gyles Randall,
University of Minnesota Southern Experiment Station
- Loess soils in southeastern Minnesota
Peter Hartman,
NRCS Rochester
- Automated Piezometers on MLRA 104 till soils
John Beck,
NRCS Rochester
- Alaskan System
Terry Lee,
Rochester/Olmsted County Planning Department
- Flood Control Structures protecting Rochester
Joe Goplin,
South Eastern Engineering, Inc.

A MAPSS business meeting will be held after the workshop. All MAPSS members are expected to attend the MAPSS business meeting.

A dinner will follow the MAPSS business meeting.

Registration

Detach this part of the brochure and return with payment to Steve Lawler. Please register by July 25, 2004 to avoid a late fee and to help in planning this meeting.

Name: _____

Address: _____

City, State: _____

Zip code: _____

Telephone or e-mail: _____

Fees:

MAPSS Members: \$45.00 _____

Non-MAPSS Members: \$55.00 _____

Student Members: \$32.50 _____

Participant guest dinner only \$11.50 _____

Late Reservation (after July 25, 2004)

MAPSS Members: \$50.00 _____

Non-MAPSS Members: \$60.00 _____

(Fees include lunch and dinner)

(Without dinner subtract \$11.50)

Optional CEU Fee: \$10.00 _____

Total Enclosed: _____

Make checks payable to:

Lawler Environmental, Inc.

Send registration and check to:

MAPSS 2004 Summer Workshop

Lawler Environmental, Inc.

6923 10th Ave. SW, Rochester, MN 55902

Education Center Information

The MAPSS 2004 Summer Workshop meeting place is the Rochester Izaak Walton League cabin in Rochester, Minnesota.

The Rochester Ikes cabin is located at the end of 7th Ave NE. The following are directions to the Ikes cabin:

Coming from the north on Highway 52:

Going south on Highway 52 exit at the 41 & 37th Streets ramp. Follow this ramp thru 41st and turn left on 37th Street Northwest. Go east on 37th for about 2 miles to Highway 63 or Broadway. Go right onto Highway 63 for about 1½ miles to 14th Street Northeast and turn left. Go 7 blocks on 14th Street Northeast to 7th Avenue Northeast. Go right onto 7th Avenue Northeast and follow it to its end.

Coming from the west on Highway 14:

Going east on Highway 14 at the junction of Highway 52 go straight (don't follow 14 onto 52) onto Civic Center Drive. Follow Civic Center Drive to Highway 63 or Broadway. Take a left onto Highway 63 and continue up to 14th Street Northeast and take a right onto 14th. Go 7 blocks to 7th Avenue Northeast and turn right. Go the end of 7th Avenue Northeast.

Professional Practice Committee

Membership Priority Survey

MAPSS started out as the Minnesota Association of Professional Soil Classifiers in 1974. In order to broaden its membership base and be more inclusive of disciplines other than soil classification, the organization changed its name to the Minnesota Association of Professional Soil Scientists in 1983, emphasizing the broad nature of the profession. The profession of Soil Science in Minnesota took on new importance in 1997 when the practice of Soil Science legislatively became subject to licensure with the Board of AELSLAGID.

The current MAPSS president has charged the MAPSS Professional Practice Committee to address the concerns of the practicing Soil Science professional, by refining and developing a mission statement and a list of duties for the Committee. Furthermore, to better define the role of MAPSS, the Professional Practice Committee was to develop a membership survey to better define the direction that the organization takes in the future. For a review of issues, see the President's Message in the July, 2003 Auger.

Background

Article 3, Section 3.1 of the MAPSS Constitution succinctly summarizes the nine purposes of the organization. Purposes can be broken down into Professional, Promotional, Educational, and Social categories.

1. To establish and maintain high standards of work quality and ethical conduct for professional soil scientists in Minnesota (**Professional**).
2. Promote the understanding of the profession of soil science to enhance public appreciation of the profession (**Professional, Promotional, and Educational**).
3. Promote advancements in soil science (**Educational**).
4. Promote fellowship among professional soil scientists (**Social**).
5. Encourage interchange of ideas with other technical and scientific disciplines (**Educational**).
6. Serve as a body of opinion on matters relating to soils and their uses (**Educational**).
7. Aid in the training of future soil scientists (**Professional, Educational**).
8. Encourage the licensure/certification of members as Licensed Professional Soil Scientists (Geoscientists) in the State of Minnesota and/or ARCPACS Certified Professionals and to aid in maintaining these licenses/certifications through continuing education opportunities (**Professional**).
9. Aid in collecting and disseminating information on soil properties and the function of these properties on sound soil management practices (**Educational**).

Moreover, MAPSS has provided for seven committees to aid in achieving its goals. Committee membership and duties are explained in Standard Operating Procedures. Committees include:

1. Election Committee.
2. Soil Scientist of the Year Committee
3. Membership Committee
4. ISTS Committee
5. Professional Practice Committee
6. Legislative Affairs Committee
7. Scholarship Committee

The Professional Practice Committee was formed during the 1998 Winter Meeting with a mission charge to “Promote and sponsor activities related to professional practice of soil science.” A more specific mission statement and related duties have yet to be promulgated.

The following survey developed by the Professional Practice Committee serves several purposes:

1. Define current membership composition and interests.
2. Prioritize MAPSS goals with an emphasis on developing a balance between the Professional, Promotional, Educational, and Social purposes of the organization that reflect membership composition and interests.
3. Provide direction to the Professional Practice Committee to develop a mission statement and goals that truly represent the needs of the practicing professional within the MAPSS organizational structure.

PLEASE ANSWER THE FOLLOWING QUESTIONS. Return your completed survey to

Jim Arndt, Ph.D., PSS, 10515 Maryland Rd., Bloomington, MN, 55438.

Education and Professional Background

1. What is your current MAPSS membership class?
 Full Associate Student Honorary Member
2. What is your highest educational level.
 Student B.S. M.S. Ph.D.
3. If you are a practicing Soil Scientist, in which sector do you practice?
 Private Public (Federal) Public (State) Public (County)
 Public(other) University
4. Are you licensed to practice the profession of Soil Science in the State of Minnesota?
 Yes No
5. Are you licensed to practice the profession of Soil Science in other states?
 Yes No
6. As a practicing Professional, what percentage of your time (approximate) is spent in the following broad categories of Soil Science?
 Pedology (Genesis, Classification, Survey) Soil Interpretations (non-Ag.)
 Soil Chemistry and Physics Soil Interpretations (Ag-related)
 Hydric Soils (Wetland-related) ISTS
 Educational (Teaching) Educational (Public Outreach)
 Forensic (Expert Witness) Not Soil related
 Research (Soils or related area)
 Other (please specify) _____

Organizational Priorities

7. Please rank the following categories in order of descending importance (1 – highest Priority). You may give more than one category the same ranking.

Professional Promotional Educational (Members)
 Educational (Public) Social

8. The following list represents the purposes of MAPSS as indicated in the Constitution. Please rank the purposes in order of descending importance (1 – Highest Priority). You may give more than one category the same ranking.

To establish and maintain high standards of work quality and ethical conduct for professional soil scientists in Minnesota.
 Promote the understanding of the profession of soil science to enhance public appreciation of the profession.
 Promote advancements in soil science.
 Promote fellowship among professional soil scientists.
 Encourage interchange of ideas with other technical and scientific disciplines.
 Serve as a body of opinion on matters relating to soils and their uses.
 Aid in the training of future soil scientists.
 Encourage the licensure/certification of members as Licensed Professional Soil Scientists (Geoscientists) in the State of Minnesota and/or ARCPACS Certified Professionals and to aid in maintaining these licenses/certifications through continuing education opportunities.
 Aid in collecting and disseminating information on soil properties and the function of these properties on sound soil management practices.

9. Have you ever served on the Executive Board or any support Committee?

Yes No

10. If you were to serve on a Committee, rank the following in order of preference.

Election Committee
 Soil Scientist of the Year Committee
 Membership Committee
 ISTS Committee
 Professional Practice Committee
 Legislative Affairs Committee
 Scholarship Committee

Funding Priorities

MAPSS funding comes primarily from dues and proceeds collected from the summer and winter meetings and continuing education. Outside of organizational expenses (publication of the Auger, etc.), MAPSS has provided monetary support to selected University and public outreach activities, various scholarships, has funded a lobbying representative to represent its interests in the legislature, and supports an Executive Director to represent MAPSS at Joint Professional Committee and Board of AELSLAGID meetings.

Recently, there has been action taken towards establishing an endowed fund for a permanent MAPSS scholarship and we have been solicited for donations to the Smithsonian Soils Exhibit. These and several other projects, which will require a substantial financial commitment, are currently in being considered by the membership. These projects are listed in question 12 (in parenthesis, we have attempted to estimate the cost in

completing each one). Due to the cost, it is unlikely that all of these can be accomplished. Therefore, we are looking for the membership to prioritize these projects so that we can concentrate our resources and fundraising efforts.

11. Expenditures generally fall into four broad categories. In general, what percentage of discretionary monetary support do you believe MAPSS should provide to the following categories? Percentages should add up to 100%. Note: MAPSS supports many activities through sponsoring social activities at the summer and winter meetings. These meetings are revenue generating and are not included as expenditure.

____ Professional (Develop and fund Technical Meetings and Workshops, support Executive Director, legislative representation, etc.)
 ____ Promotional (Increase MAPSS visibility, support public outreach)
 ____ Educational (E.g. Scholarships, Science Museum Project, Smithsonian Exhibit, State Soil, Soil Judging, Continuing Education)

12. The following issues and projects have been proposed to receive discretionary funding from MAPSS and/or would require private donations from members and others. Please rank the following potential issues and projects in order of descending importance (1 – Highest Priority). You may give more than one category the same ranking.

_____ Continuing Education (e.g. Paid Speakers at meetings, variable funds)
 _____ Outreach, Education to Public (speaker lists, etc. variable funds).
 _____ Executive Assistant (\$3,000/year)
 _____ Scholarship Fund (\$15,000)
 _____ Science Museum Project (variable funding)
 _____ State Soil Legislation (\$10,000)
 _____ Smithsonian Soil Exhibit (\$10,000)
 _____ Soil Judging (variable funding)
 _____ Other (Please Write in _____)

13. For each of the issues and projects that have been proposed, please indicate which of the listed funding source(s) you would like to see used (D=dues, CE = Cont. Ed Fee, T = MAPSS Sponsored Training, F = fundraising through donations). You may list more than one funding source per project.

_____ Continuing Education (e.g. Paid Speakers at meetings, seed money \$?)
 _____ Outreach, Education to Public (speaker lists, etc. \$?).
 _____ Executive Assistant (\$3,000/year)
 _____ Scholarship Fund (\$15,000)
 _____ Science Museum Project (funding level to be determined)
 _____ State Soil Legislation (\$10,000)
 _____ Smithsonian Soil Exhibit (\$10,000)
 _____ Soil Judging (variable funding)
 _____ Other (Please Write in _____)

14. Professional status has resulted in increasing expenditures to keep our Executive Board and the membership apprised of legislative activities and issues that directly affect licensed, practicing professionals. Should MAPSS increase, decrease, or maintain its current emphasis on supporting activities related to certification and licensure.

_____ Increase _____ Decrease _____ Maintain Current

Comments

The following section provides a venue for membership input to the Executive Board and Association committees. The Professional Practice Committee will direct applicable comments to the Board or related Committee.

General:

Executive Committee:

Election Committee:

Soil Scientist of the Year Committee:

Membership Committee:

ISTS Committee:

Professional Practice Committee:

Legislative Affairs Committee:

Scholarship and Funding Committee: