

**S-1 News Vol. 9, No. 4
September 8, 2003**

PREFACE

This is the fourth S-1 Newsletter for the year 2003. The newsletter contains three sections: S-1 Member News and Announcements, Upcoming Meetings of Interest, and New Job Announcements. To have news and announcements included in future S-1 Newsletters, please send the text (either embedded in an e-mail message or as an attachment) to s-1@uidaho.edu. Newsletters (current and past) and other S-1 information are posted on the S-1 Web Page: <http://soils.ag.uidaho.edu/tuller/s-1/>

1) S-1 MEMBER NEWS AND ANNOUNCEMENTS

A) 2003 Annual Meeting (November 2-6, 2003 Denver, CO):

Two symposia will be sponsored by S-1 at the annual meeting: Diffusion Processes (S-1 lead, co-sponsor with S-2) and Hydopedology (S-5 lead, co-sponsor with S-1). For further information contact Dani Or (S-1 Chair) at: dani@engr.uconn.edu

General Meeting Web Page: www.asa-csssa-sssa.org/anmeet/

B) Request for candidates for SSSA President Elect

It is vital that we discuss names of individuals who might serve as SSSA president. Please submit names of potential candidates, who are willing to be nominated for the SSSA President Elect to Dani Or at: dani@engr.uconn.edu

C) Current Structure of the SSSA:

Below please find a letter from Dr. Singer regarding the current SSSA structure. Our S-1 Board representative David Nofziger would appreciate your thoughts and inputs to prepare for the Board meeting in Denver. Please email him directly to: dln@okstate.edu

Colleagues,

From time to time over the 35 years I have been a member of the society, discussion has occurred about our internal organization, number of divisions and names of divisions. The issue was raised again at the July Executive committee meeting. The S201 committee (Organization, policy and bylaws) will look at this issue and I want to begin a dialog prior to our meeting in Denver.

The basic question is: Is the current organization of 11 divisions providing the best service to our members? A second question is: Does this structure provide the best opportunity to expand membership and opportunities for non-members?

One item that has instigated this discussion is the existence of A and S divisions called environmental quality. With the advent of the S division, the number of papers in A decreased greatly. Are we best served by two divisions?

One of my goals during this year has been to reach out to our colleagues, the consulting soil scientists, and to provide them with more value in SSSA membership. Are we best organized to achieve this goal?

Our journal, our board representation and our meetings are organized around the division structure, so any change will have major implications for how we do business. I encourage you to ponder these questions, to "converse" electronically and to include me in some of your discussions. I hope that we might arrive at some consensus prior to the meeting in Denver.

Thank you, Michael J. Singer.

D) New issue of Vadose Zone Journal (VZJ):

A new issue of Vadose Zone Journal (VZJ) appeared on August 15. The issue contains 18 papers dealing with such topics as geologic carbon sequestration, field-scale infiltration, the hydraulic properties of anisotropic soils and gravels, preferential flow, soil vapor extraction, residual DNAPL measurements, the dual-probe heat pulse method, and the use of several geophysical methods (ERT, EM, and TDT). Also included is a review on the fate and transport of fumigant pesticides. Please visit www.vadosezonejournal.org for details. Notice that you can freely download pdf reprints of all papers, assuming you have a subscription (only \$50!).

The next issue of VZJ will appear November 15 and will contain close to 40 papers. Approximately 25 of these comprise a very impressive special section entitled, "Advances in Vadose Zone Measurement and Monitoring Methods" edited by Ty Ferre and Gerard Kluitenberg. Papers in this special issue address new technologies for nondestructive measurement of heat and mass transfer. The papers stem from a symposium at the last year's annual SSSA meetings in Indianapolis (November 10-14, 2002) entitled, "Physical Measurements in the Soil-Plant-Atmosphere System: I. Advances in Measurements at and Below the Ground Surface – A Tribute to Clarke Topp". Future special sections will focus on colloid and colloid-facilitated transport (resulting from a workshop in Denmark last year), subsurface flow/transport at DOE's INEEL site in Idaho, and uncertainty in unsaturated zone flow and transport processes (stemming from a 2002 AGU symposium).

If you have not already done so, I urge you to get a personal subscription to VZJ. Individual subscriptions are a very modest \$50 for SSSA, ASA and GSA members, and \$75 for nonmembers. Equally or more important is enticing your university or institution to subscribe to VZJ. Institutional subscriptions this year are a very meager \$204; next year they will become \$300. Free sample issues can be previewed at www.vadosezonejournal.org. Contact SSSA at 608-273-8095 or go to www.vadosezonejournal.org/subscriptions/ to subscribe.

Thanks, Rien van Genuchten.

E) Manuscript Submission to the SSSAJ:

There are still a lot of hardcopy manuscripts submitted to the Soil Science Society of America Journal for the soil physics section, but uploaded pdf files allow for more rapid review. Because of symbol definitions, Microsoft Word is needed for acceptable pdf files and is preferred by headquarters. Word Perfect is not recommended because the fonts are not embeddable within pdf files (due to the license agreement).

For the review process in SSSAJ, prepare your Word file with all Figures embedded. Then if you want help converting to pdf, e-mail the Word file to me. I can convert it to pdf for you, and e-mail back to you for uploading.

Sally Logsdon, technical editor, SSSAJ, soil physics

2) UPCOMING MEETINGS OF INTEREST (arranged by meeting date)

A) INRA Subsurface Science Symposium "Advances in Understanding and Modeling Subsurface Processes" (October 5-8, 2003, at the Salt Palace Convention Center in Salt Lake City, Utah). The keynote speaker will be Dr. Harrison Schmitt, whose titles include: geologist; Apollo astronaut; Lunar Module Pilot; the only scientist to set foot on the Moon; and former senator from New Mexico. Plenary speakers include Dr. Terry Hazen from the Lawrence Berkeley National Laboratory and Dr. Rosemary Knight from Stanford University. For further information please visit: <http://www.inra.org/new%20inra%20web/Index.htm>

B) Annual Conference on Soils, Sediments and Water (October 20-23, 2003, at the University of Massachusetts at Amherst). The conference attracts 700-800 attendees annually which includes a wide variety of representation from state and federal agencies; military; a number of industries including railroad, petroleum, transportation, utilities; the environmental engineering and consulting community; and academia. Expediting and Economizing Cleanups, this conference's theme, will be supported by the development of a strong and diverse technical program in concert with a variety of educational opportunities available to attendees. Live equipment demonstrations will augment the exhibition section which brings real-world application to the technical theory and case studies which will be presented in the platform sessions. Focused workshops will provide attendees with the type of practical application information which will impact their job performance immediately. The conference promises to be an exciting opportunity for all those concerned with the challenge of developing creative, cost-effective assessments and solutions that can withstand the demands of regulatory requirements. For information contact: Denise Leonard at 413-545-1239 or info@UMassSoils.com.

C) Workshop, Honoring Henry Darcy's 200th Birthday (November 24-26, 2003 Dijon, France) For further information regarding the workshop please consult: <http://www.enesad.fr/darcy/>.

D) 9th ASCE Aerospace Division International Conference on Engineering, Construction and Operations in Challenging Environments (March 7-10, 2004, Houston, TX). The Aerospace Division of the American Society of Civil Engineers invites you to plan for and participate in their Ninth Biennial International Conference on Engineering, Construction and Operations in Challenging Environments. At this Conference, you will meet people from a variety of disciplines, and have ample enjoyable opportunities to discuss the confluence of engineering, construction, and operations in challenging environments that include planet Earth, Space, and other planetary bodies such as the Moon and Mars. One of the main goals of this Conference is technology transfer. Deadline for abstract submission is July 15, 2003. For further information please visit: www.asce.org/conferences/space04.

E) Gordon Research Conference- Flow and Transport in Permeable Media (July 11-16, 2004, The Queens College, Oxford, England). The Gordon Research Conference on "Flow and Transport in Permeable Media" is a bi-annual conference focusing on the latest advances in flow and transport in porous media. The conference provides a stimulating and relaxed forum for an interdisciplinary exchange of ideas. Participants typically include hydrologists, chemical and petroleum engineers, environmental engineers, soil scientists, geologists, mathematicians, and physicists. In the spirit of the Gordon Conferences, the format is designed to encourage in-depth discussion, with a program of morning and evening invited lectures and open discussions. Free

afternoons and evening social gatherings provide ample time for more informal interactions. Poster sessions form an important part of the meeting. For more information please visit: <http://www.hyd.citg.tudelft.nl/grc/>

F) Fifth European Conference on Geostatistics for Environmental Applications geoENV (Centre for Hydrogeology, University of Neuchâtel, Switzerland, on October 13-15, 2004). The Congress will be preceded by a two-day workshop, on October 11-12, 2004. The objective of the geoENV conference series is to bring together scientists from many different areas which share in common the application of geostatistics to environmental problems. A non-exclusive list of topics which are covered includes: Groundwater pollution and hydrogeology; Soil science, site remediation, industrial sites; Air monitoring; Spatiotemporal statistics; Climatology; Ecology, natural resources; Forestry, agriculture; Epidemiology, ecotoxicology; Biometry; and Remote Sensing. For further information please visit: <http://www.unine.ch/chyn/geoenv/welcome.html>.

3) NEW JOB ANNOUNCEMENTS

To review all announcements from the last six months please visit: <http://soils.ag.uidaho.edu/tuller/s-1/jobs.htm>

A) Assistant/Associate Professor – Landscape Water Conservation (posted 09/05/2003) The successful candidate will build on a successful environmental water research program by leading research in urban landscape plant materials and irrigation to improve water use efficiency and conservation. Program interests include identification and propagation of low water use and salt tolerant plant species for urban landscapes and irrigation management appropriate for the Southwest U.S.- Far West Texas Region. This person will join a growing faculty in water resources management and will be a critical team member in water conservation, salinity management, hydrology and environmental programs at the Texas A&M University System's El Paso Center and across Texas. Qualifications: Ph.D. degree in horticulture or closely related field with emphasis in landscape plant materials, soils and irrigation in arid environments. Knowledge of low water use plant species, soils and irrigation systems is essential. Demonstrated ability to work with government agencies and community organizations and, in obtaining extramural funding desirable. This is a 12-month, 100% research position with the Texas Agricultural Experiment Station, a member of The Texas A&M University System. It is located at the Agricultural Research and Extension Center at El Paso. Information: <http://el Paso.tamu.edu/Research>. Send cover letter, statement of research interests, complete vitae, (1--3) publication examples and arrange for three reference letters to be sent to: Landscape Water Conservation Search Committee, Agricultural Research and Extension Center, Texas A&M University System, 1380 A&M Circle, El Paso, TX 79927 or email tor-ontiveros@tamu.edu. Applications accepted until suitable candidate found. TAMUS is an equal opportunity affirmative action employer and committed to excellence through diversity.

B) Postdoctoral Research Associate (posted 09/05/2003) 100% with Texas Agricultural Experiment Station (TAES). Incumbent will support a research project using biophysical simulation models to conduct a national assessment of environmental benefits of NRCS conservation programs (e.g. reduction of manure nutrient losses, reduction of soil phosphorus concentrations, and accumulation of soil organic carbon) for livestock and non-livestock farms. Qualifications (Required): Ph.D. degree in Agricultural, Biological, or Civil Engineering, Soil or Crop Science, or related disciplines; experience with simulation modeling of agricultural and natural resource systems; potential to generate external funding; and excellent verbal and written

communication skills. (Preferred): Postdoctoral experience in simulation modeling, proven track record in acquiring external grants, and experience interacting with state and federal regulatory agencies and private industry for simulation model applications. Salary competitive and commensurate with qualifications and experience. Applications will be accepted until a suitable candidate is found. Submit letter of application, resume, and names of five references to: Dr. Wm. A. Dugas, Resident Director, Blackland Research and Extension Center, 720 E. Blackland Rd., Temple, TX 76502; dugas@brc.tamus.edu. TAES is an equal opportunity employer.

C) Assistant Professor – Extension Soil Scientist (posted 09/03/2003) The Department of Soil Science at the University of Wisconsin-Madison is seeking an assistant professor/extension soil scientist. This tenure-track position is 80% extension and 20% research. A Ph.D. degree in soil science or agronomy with training and relevant experience in soil fertility, nutrient management, or plant nutrition is required. The position will serve as the Department's liaison with the agricultural industry and will focus on meeting the education and applied research needs of Wisconsin's agricultural professionals. This will include interaction with organizations representing the fertilizer industry, crop consulting, government agency, and farmer client groups. A strong interest in developing and delivering educational programs for these client groups is required. The applied research program should be focused on nutrient cycling and management on dairy farms including one or more of the following areas: nutrient management for forages, nutrient management impacts on forage quality and animal health; assessment of environmental impacts of nutrient management alternatives, determination of appropriate nutrient credits for on-farm nutrient sources, and evaluation and development of diagnostic tests to improve management decisions. Extramural funding of research, publication in refereed journals, and training of graduate students is expected. The position (PVL#45733) and detailed application information are described on our website www.soils.wisc.edu. Send application materials by Nov. 17, 2003 to Dr. Bundy c/o T. Busby, University of Wisconsin-Madison, Department of Soil Science, 1525 Observatory Drive, Madison WI 53706-1299.

D) Director, Alabama Agricultural Experiment Station and Dean, College of Agriculture, Auburn University (posted 09/02/2003) Auburn University invites applications and nominations for the position of Director, Alabama Agricultural Experiment Station (AAES) and Dean, College of Agriculture. The Director, along with four Associate Directors of the AAES, is responsible for development, implementation, and management of AAES research conducted in four colleges and one school at the Auburn University main campus and 13 outlying Research Centers and Units. The Dean is Chief Administrative Officer of the College of Agriculture and is responsible for development, implementation, and management of resident instruction, research, and extension/outreach in eight academic departments. Women and ethnic minorities are encouraged to apply. The candidate selected for this position must be able to meet eligibility requirements to work in the United States. For more information: www.ag.auburn.edu/aaes/ or www.ag.auburn.edu. Contact: Dean Richard W. Brinker, Search Committee Chair, School of Forestry & Wildlife Sciences, 108 M. White Smith Hall, Auburn University, AL 36849-5418; 334/844-1004; brinkrw@auburn.edu. Affirmative Action/Equal Opportunity Employer.

E) Assistant Professor – Geosciences (posted 08/26/2003) The Department of Geosciences at Idaho State University (<http://www.isu.edu/geology/>) seeks an outstanding candidate for a tenure-track assistant professor in Geosciences with research interests in geospatial analysis and hydrology, watershed management, and/or related fields.

Applicants must have an earned Ph.D. in a geoscience field, experience in teaching geoscience, and research capability that involves extensive use of GIS, Remote Sensing and other geotechnical applications. Abilities to perform effective research in a team and to develop cooperative programs with scientists at the Idaho National Engineering and Environmental Laboratory and other federal and state agencies are favorable. Preference will be given to applicants with the ability to interact with students and faculty in non-geoscience disciplines that use GIS, remote sensing, GPS, and other applications of geospatial analysis. The successful candidate will be expected to participate in an effective teaching, research, and service program commensurate with normal tenure-track faculty duties at ISU. Good oral and written communication skills are essential.

The position is available beginning January 2004. The new faculty member will coordinate and lead the teaching and advising of geotechnology students at the Idaho Falls campus of ISU, and help coordinate the ISU GeoTechnology graduate and undergraduate programs. The position requires collaborative teamwork with Geosciences faculty at the main campus in Pocatello, the GIS Center (GISTRcC, <http://giscenter.isu.edu/>) in Pocatello, and the ISU Boise Center. Participation in regular faculty meetings, and possibly cross-campus teaching, is expected. Teaching duties will include Principles of GIS, Advanced GIS, and upper division course(s) in the candidate's field of research.

To apply, send a vita, personal statement of background and experience relevant to the position, including teaching and research philosophy, service activities, and names and contact information of three references to: Department of Geosciences, GIS Faculty Search, Campus Box 8072, Idaho State University, Pocatello, Idaho, 83209-8072. E-mail contact: hughscot@isu.edu. Review of applications will begin October 1, 2003, and continue until the position is filled. Idaho State University is an equal opportunity employer.

F) Non -Tenure Track Position in Hydraulic and Water Resources (posted 08/26/2003) The Department of Civil and Coastal Engineering at the University of Florida is seeking candidates for a non-tenure track position in hydraulic and water resources. It is intended that the position will be filled at the visiting assistant or associate professor level, but outstanding candidates at a higher level will be considered. The successful candidate will have a Ph.D. in Civil Engineering or a closely related field and will be expected to develop and maintain an externally funded research program. The successful candidate also will have opportunities to supervise masters and doctoral students and teach courses in hydraulics and water resources. Areas of expertise and interest should include one or more of the following research areas: fluid mechanics, environmental hydraulics, modeling of flow in rivers and reservoirs, and sediment and contaminant transport. To be considered for this position, applicants should submit a letter of interest, a curriculum vita, and the names of three references by November 1, 2003 to: Dr. Louis H. Motz, Search Committee Chair, University of Florida, Department of Civil and Coastal Engineering, 365, Weil Hall, P. O. Box 116580, Gainesville, FL 32611-6580. The salary and benefits package is competitive. The desired start date is December 19, 2003. The University of Florida is an Equal Opportunity/Affirmative Action Employer.

G) Graduate Research Assistantships (posted 08/18/2003) Starting spring semester 2004 for studies on drainage ditch management to mitigate nutrient loss from agroecosystems. We seek self-motivated individuals with strong communication, organization, computing, and analytical skills. Students will be actively involved in a collaborative project, including opportunities for short-term internships, between the University of Maryland College Park, University of Maryland Eastern Shore, USDA-ARS, University Park, PA, and the Maryland Dept. of Natural

Resources. Students will have opportunities for research including field, lab, and computing experiences, and for involvement in teaching and extension components of the project. Ph.D. Assistantship in soil science at the Soil and Water Geospatial Analysis Lab in the Department of Natural Resource Sciences and Landscape Architecture at the University of Maryland, College Park. Research possibilities include soil landscape analysis, water quality modeling, and geospatial analysis. Background in soil science, hydrology, GIS, or related fields desirable. Interested students should contact Dr. Brian Needelman, 1112 HJ Patterson Hall, University of Maryland, College Park, 20742, 301-405-8227, bneed@umd.edu. M.S. Assistantship in soil science and water quality studies related to drainage ditch agroecosystems at The Agricultural Experiment Station, University of Maryland Eastern Shore. Applicants must have completed the B.S. degree with a strong background in chemistry, biology, and computer skills with an interest in soils and water chemistry preferable. Interested students should contact Dr. Arthur Allen, 30921 Martin Court-Crop & Aquaculture Building, University Farm, University of Maryland, Eastern Shore, Princess Anne MD, 21853, 410-651-6624, alallen@mail.umes.edu. This study is funded through the USDA's National Integrated Water Quality Program. Competitive stipends plus health benefit subsidy and tuition waiver are available. See www.sawgal.umd.edu/DrainageDitches for more information. The University of Maryland is an Affirmative Action/Equal Opportunity Employer.

H) Assistant Professor – Environmental Pedology (posted 08/13/2003). This is an academic year tenure-track position with responsibilities divided between research (75%) and teaching (25%). General duties and responsibilities: The Department of Soil, Water and Environmental Science invites applications for a tenure track faculty position in environmental pedology at the Assistant Professor level. The successful applicant will develop a nationally-recognized research program supported by extramural funding and will complement existing research and education strengths within the Department of Soil, Water, and Environmental Science by providing expertise pertaining to the role of soils in biosphere processes and other environmental issues. In addition, the individual will teach at least one undergraduate course in soil science/pedology on an annual basis and a graduate course in a related area at least every other year. Qualifications: The candidate must have a Ph.D. degree in soil science, environmental science, or a closely related field of geoscience with expertise in pedology and a process-level approach to research. Desirable areas of research focus include, but are not limited to, biogeochemistry, element cycles, global change, soil conservation, and transport processes. Interest and ability to contribute effectively to collaborative research efforts and to work actively with undergraduate and graduate students are essential. Compensation: Commensurate with experience and training. The UA provides a comprehensive employee benefits package, including health and dental insurance, retirement contributions, and relocation and dual career assistance. Facilities: Teaching and research facilities are located on the campus of the University of Arizona in Tucson. The University of Arizona is a Land-grant institution. Closing Date of Applications: Review of applications will begin 14 November 2003 and continue until a suitable candidate is identified. Date Position is Available: August 2004. Application Process: Interested persons should submit (i) letter of application, (ii) curriculum vita, (iii) one-page statement of research and teaching interests, and (iv) names, addresses (including email), and telephone numbers of five references. Applications should be sent to: Dr. Thomas L. Thompson, Dept. of Soil, Water, and Environmental Science, 429 Shantz, Bldg. 38, University of Arizona, Tucson, AZ 85721. Phone: 520/621-3670, FAX: 520/621-1647. E-mail: thompson@ag.arizona.edu. As an equal opportunity and affirmative action employer, the University of Arizona recognizes the power of a diverse community and encourages applications from individuals with varied experiences, perspectives, and backgrounds.

I) Faculty Position in Soil Physics, Department of Agronomy, University of Kentucky (posted 07/25/2003). This is an 80% research and 20% teaching, full time (12-month) tenure track position. Responsibilities: The appointee is expected to develop a creative and productive research program in the area of soil physics as related to agricultural and environmental issues. Potential research opportunities include: the effect of soil management practices on soil physical properties and soil/plant/water relationships; the fate and transport of particulates, water, solutes, gasses, and energy in agricultural, forest, and urban soils; and the application of multiple scale modeling approaches to address significant issues in environmental quality and resource management. Soil physics is an integral part of the soil science program in the Department, and collaboration in the research, instruction, and extension efforts of other faculty is strongly encouraged. The successful candidate is expected to develop a productive research program with strong publication and extramural funding. This position includes teaching a graduate/advanced undergraduate level course in soil physics annually, and the development of an upper level course preferably in water/solute transport or another area of expertise. Participation in graduate student recruitment is essential. Undergraduate student advising and recruitment is strongly encouraged. Qualifications: A Ph.D. degree in soil science or related discipline with emphasis on Soil Physics/Soil Hydrology is required. We seek an individual with sound training in current techniques, who is adept at mathematical characterization of soil properties and processes. The appointee must have a broad knowledge of soil/water systems and the ability to apply soil physics concepts to current agricultural and environmental issues. Rank and Salary: The position is expected to be filled at the Assistant Professor or higher level depending on qualifications. Salary, fringe benefits, and operating support are highly competitive with other leading land-grant universities. Application Procedures: Applications will be accepted until Oct. 15, 2003 or until a suitable applicant is selected. Anticipated starting date is May 1, 2004. To apply, send curriculum vitae, transcripts (photocopies acceptable), a statement of research interests and teaching philosophy, and three letters of recommendation to: Michael Barrett, Chair, Department of Agronomy, University of Kentucky, Lexington, KY 40546-0312; 859/257-5020; Fax: 859/257-2185. Applications and inquiries from women and minorities are particularly encouraged. The University of Kentucky is an Equal Opportunity Employer. Applications will be accepted without regard to race, color, age, sex, religion, disability or national origin. The address of the College of Agriculture EEO Coordinator is room S-101 Agriculture Science-North, Lexington, KY 40546.

J) Department Head - Department of Plant and Soil Sciences, Mississippi State University (posted 07/25/2003). Applications and nominations are invited for the position of Dept. Head of Plant and Soil Sciences, a department with a land-grant mission of teaching, research and extension. The Head reports to the Dean of the College of Agriculture and Life Sciences; the Director of the Mississippi Agricultural and Forestry Experiment Station; and the Director of the Mississippi State University Extension Service. Mississippi State University is currently ranked fifth by the National Science Foundation in total expenditures in agricultural research. Applicants must have a doctorate in Agronomy, Horticulture, Soil Science, Weed Science or a closely related field and qualify for appointment at the rank of professor. Demonstrated scholarship and experience in teaching, research and/or extension work are preferred. Applicants should provide evidence of leadership ability in program development, budgetary and personnel management, obtaining outside financial support, and interfacing with clientele groups. Interested persons should send a letter of application including qualifications and administrative philosophy, resume, transcripts for all college course work and name/address (including e-mail) of 3--5 references to: Dr. Jerry Gilbert, Chair, Search Committee for Dept Head of Plant and Soil Sciences, Dept of Ag and Bio Engineering, Box 9632, MS State, MS 39762;

jgilbert@abe.msstate.edu; 662/325-3280. The Search Committee will begin reviewing applications on Oct. 1, 2003, and continue until a suitable candidate is identified. More information about the position can be found at www.msstate.edu/dept/PSS/public_html/pspage.html. Mississippi State University is an EEO/AA Employer.

K) Ecologist/Soil Scientist/Agricultural Engineer (posted 07/01/2003) GS-12/13/14, Salary Range of \$56,463--\$103,150. The National Soil Erosion Research Laboratory, West Lafayette, IN is seeking a permanent, full-time interdisciplinary scientist to develop a research program to quantify 1) sediment and pollutant transport on the landscape; 2) effects of erosion-induced pollutants on the ecological health of the environment; and 3) impacts of different soil, cropping and nutrient management practices implemented in the field and watershed scales on soil and water quality and downstream ecosystem. The results of the work are to develop best management practices that will minimize soil erosion and the associated sediment and pollutant loads to receiving water bodies and to improve tools or models used to assess the long-term impacts of current land management practices on erosion and water quality. Full text vacancy announcement and application details may be obtained via Internet (www.afm.ars.usda.gov/divisions/hrd/index.html) or call Jan Overton, 765/494-9726; indicate announcement # ARS-X3W-3358. Application closes on Sept. 30, 2003. US Citizenship is required. USDA-ARS is an equal opportunity employer and provider.

APPENDICES

A) S-1 Contacts

Chair (03): Dani Or: dani@engr.uconn.edu

Chair-Elect (04): David Radcliffe: dradclif@arches.uga.edu

ASA and SSSA Board Representative (00-03): Dave Nofziger: dln@mail.pss.okstate.edu

SSSA Journal S-1 Technical Editor: Sally Logsdon: logsdon@nstl.gov

B) S-1 Working Groups and Committees

S-1 Program for 2003 ASA-SSSA Meetings (Denver, CO, Nov 2-6, 2003): Dani Or

Kirkham Conference 2004 (Utah State): Wilford Gardner and Dani Or

S-1 Early Career Award: Jan Hopmans, Art Warrick, Per Moldrup and Jacob Dane