

Preliminary Program

64th International Annual Conference



SOIL
AND WATER
CONSERVATION
SOCIETY

DELIVERING
Conservation
Today and Tomorrow

July 11-15, 2009 • Dearborn, Michigan

Welcome

Join us July 11-15 in Dearborn, Michigan for the 64th annual international conference of the Soil and Water Conservation Society. Each summer conservation professionals gather to share research, discuss policy and participate in fruitful exchange to benefit agriculture and the environment. The conference includes workshops, concurrent sessions, symposia, posters, plenary sessions, and technical tours designed to raise the awareness of conference participants to recent developments in the science and art of natural resource conservation and environmental management. The 2009 conference will take place at the Dearborn Hyatt – just west of Detroit and minutes from the Detroit Metropolitan Wayne County Airport (DTW).

The Soil and Water Conservation Society (SWCS) is a nonprofit scientific and educational organization founded in 1943. Our mission is to foster the science and art of natural resource conservation and environmental management on working land – the land used to produce food, fiber, and other services that improve the quality of life people experience in rural and urban communities. We work to discover, develop, implement, and constantly improve land use to sustain its productive capacity and enhance the environment.

Program Topics and Areas of Emphasis

Each year SWCS identifies topics or a theme for special attention at the annual conference. This year the overarching theme of the conference is **Delivering Conservation, Today and Tomorrow**. This emphasis will apply to ALL of the general topic areas for the conference and presenters have been encouraged to tailor their presentations to include the conference theme.

At the 2009 SWCS Annual Conference, we will explore the challenges facing the delivery of conservation planning, policy, and practices today and the issues that must be resolved in order to deliver sustainable soil and water conservation tomorrow and into the future. The conference program committee has asked authors and presenters for oral presentations, posters, and symposia to address the technical, educational, and informational needs of conservationists as we work together to overcome these challenges.



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General Topic Areas

The following ongoing areas of emphasis comprise the core work of SWCS. Presentations from each will be offered at the conference. Detailed descriptions are available at www.swcs.org/09ac

- Soil Resources and Management:
 - Soil Resource Assessment
 - Soil Resource Management and Conservation
- Water Resources and Management
- Conservation and Environmental Policy and Program Design
- Adaptive Management of Conservation Efforts
- Conservation in Urban Settings
- Conservation Tools and Technologies

Technical Workshops, Educational Tours & Networking Opportunities

There are eight tours, five workshops and review courses, and dozens of opportunities to earn CEUs, learn, and make connections with attendees, exhibitors and speakers in a variety of traditional and nontraditional settings and sessions. Special events this year include a special screening of DIRT: The Movie, the Regional Networking Roundtable Lunches, and the Exhibitor/Poster Reception on Sunday night.

Note from the Annual Conference Program Committee

Ongoing changes in agriculture and agricultural policy and new scientific advances and insight have led to a need to redefine conservation program delivery and implementation. In the face of pressures from a highly dynamic climate, changing markets, evolving environmental conditions, and National Security (e.g., need for energy independence, labor supply in the face of immigration reform) agriculture must produce more than just food, feed, and fiber but also fuel and a broader array of landscape or ecosystem services.

Conservation professionals need to adapt to new resource demands and changes in our client base and needs. This implies that conservation professionals need to do things differently as our client base changes and we re-examine our clients' changing needs. Conservation planning needs to be put into a different context. Conservation must deal with larger spatial-temporal scales of soil and water management and conservation, such as landscape and watershed scales, and planning for extreme events.

To achieve these changes will require improved collaborations with different agencies and research institutions to plan and apply on-the-ground conservation. It may also require returning to our conservation roots to invigorate local coalitions to prioritize and plan conservation needs and programs.

3rd Annual Conservation Innovation Grants Showcase



The USDA Natural Resources Conservation Service (NRCS), in conjunction with the Soil and Water Conservation Society (SWCS), announces the 3rd Annual Conservation Innovation Grants (CIG) Showcase which presents the opportunity to learn about cutting-edge conservation projects from across the United States.

CIG is a component of the Environmental Quality Incentives Program (EQIP) that is intended to stimulate the development and adoption of innovative conservation approaches and technologies related to agricultural production. CIG projects are funded through a competitive process with state, local, tribal, and private organizations leveraging federal funds that are administered by NRCS. CIG enables NRCS to work with other public and private entities, and individuals to accelerate technology transfer and the adoption of promising technologies and approaches to address some of the Nation's most pressing natural resource concerns.

Between federal fiscal years (FY) 2004 and 2008, over 570 grants were awarded through the CIG national and state competitive process. The NRCS funding commitment for these awards totaled \$106.8 million. Another \$20 million is available in FY 2009 for the national level grants.

Topic areas for the concurrent sessions include:

- Atmospheric Resources
- Energy
- Grazing Land
- Forest Health
- Soil Resources
- Water Quantity
- Water Quality
- Wildlife Habitat

Questions regarding the sessions may be directed to:

Anthony Burns, USDA-NRCS
National Technology Specialist
Greensboro, NC
Phone: 336-370-3358
Anthony.Burns@gnb.usda.gov

Conference Highlights & Special Events

Fellows Forum: Emerald Ash Borer and the Conservation Consequences

Sunday, July 12 - 4:00 PM

This year's forum will focus on the conservation impacts of the emerald ash borer (EAB). EAB, an exotic beetle from Asia that has a voracious appetite for ash trees, was first identified in the Detroit, Michigan area in the summer of 2002. Since then, EAB has been found in Ontario, Ohio, Maryland, Indiana, Illinois, Pennsylvania, West Virginia, and most recently in Missouri, Virginia and Wisconsin. Southeast Michigan has been the hardest hit so far, losing more than 30 million ash trees. EAB has drastically impacted the face of urban landscapes in southeast Michigan, much like Dutch elm disease did in the 1950s and 60s. Loss of ash trees results in reduced urban conservation benefits including shade, noise buffering, air quality improvement, soil and water quality protection, and wildlife habitat. EAB has also cost municipalities, homeowners, the nursery industry, and the forest products industry tens of millions of dollars in tree removal and loss of products. There are also cultural impacts of the loss of ash trees, particularly for tribes that practice the art of black ash basket weaving. In Michigan, there have been numerous attempts to slow or stop the spread of EAB, some of which have met public scrutiny and have had mixed results. The forum will explore these issues and feature speakers from the USDA Animal and Plant Health Inspection Service, the Michigan Department of Agriculture, the Canadian Food Inspection Agency, the Michigan Nursery and Landscape Association, and the Grand Traverse Tribe of Ottawa Chippewa Indians. The Berg and Society Fellows annually host this Forum which is open to all conference attendees. There is no additional charge to attend.

Screening of Dirt: The Movie



Monday, July 13 - 7:00 PM

Dirt! The Movie was one of about 200 films selected for exhibition at the 2009 Sundance Film Festival and received an excellent response. It is an insightful and timely film that tells the story of the glorious and unappreciated material beneath our feet. One teaspoon of dirt contains a billion organisms working in remarkable balance to maintain and sustain a series of complex, thriving communities that impact our daily lives. Dirt! The Movie is directed by Bill

Benenson and Gene Rosow and produced through Common Ground Media, Inc., a non-profit foundation. The genesis for the film came when Benenson was given a copy of William Bryant Logan's book "Dirt: The Ecstatic Skin of the Earth," in which Logan wrote a series of essays that elevated dirt to a new level of importance by looking at the numerous roles dirt plays in everyday life. Benenson was intrigued, and shared it with Rosow, a former student of biochemistry, cellular physiology and ecology. Following the approximately 80-minute film, Mr. Rosow will host an informal discussion with attendees about the documentary.

Tuesday Plenary: Can CEAP Help Us Deliver More Conservation?

Tuesday, July 14 - 8:30 AM

Organized by SWCS Science and Policy Committee members, and based on the activities of the SWCS CEAP (Conservation Effects Assessment Project) Blue Ribbon Panel, this plenary session will address the question, "To what extent does CEAP research allow us to focus on where and how we deliver our conservation programs?" Following a brief presentation on the latest CEAP report (CEAP in the Upper Mississippi River Basin, Robert Kellogg, USDA-NRCS), will be a panel discussion. The panel will include perspectives from USDA-NRCS, the SWCS Science and Policy Committee, and members from the CEAP Blue Ribbon Panel. This will be followed by moderated discussion among the panel and a question and answer session with audience members.

Outdoor Classroom - Educational Tours

All tours will take place on Wednesday, July 15 and leave at 7 AM unless otherwise noted. The tours will give exposure to interesting and informative conservation work happening in the area. Be sure to register early to secure a seat. The SWCS reserves the right to cancel a tour that does not have the minimum number of participants and to change the maximum number of participants. Late fees (an additional \$15 per ticket) apply beginning on June 2, so register early!

#1 Fisheries Research at Lake St. Clair

A half-day tour of the Lake St. Clair Fisheries Research Station will include both land and sea components. A short tour of the office will provide an overview of the Station mission: To collect, analyze, and report information on the aquatic habitat and fisheries resources of southeast Michigan's Great Lakes and connecting waters to facilitate and promote scientific resource management. A short cruise on the RV Channel Cat will provide an on-water view of the unique water resources of the St. Clair River delta and include a look at some of the aquatic plant community of Lake St. Clair. The tour schedule will likely overlap with the famous "fish fly" hatch on Lake St. Clair, offering visitors a firsthand encounter with burrowing mayflies, a critical component of the aquatic food web of the lake. Separate AM and PM Tours - Each tour is limited to the first 6 registrants.

AM: 7 AM - Noon OR

PM: Noon - 5:00 PM

Cost: \$30 (includes snack)

#2 Ford Rouge Plant & Ford Field Park LID Techniques & Stream Bank Stabilization

This full day tour will start with a visit to the Ford Rouge Plant. There, tour participants will get to learn about the World's Largest Green Roof (10.4 acres) and the other Low Impact Development techniques that are installed around the factory property. From there, tour participants will visit the Lower Rouge River in Ford Field Park of the City of Dearborn. The city contacted NRCS several years ago inquiring about a natural approach to addressing the severe bank erosion occurring at the site. The following techniques were demonstrated and installed: Live stakes, Brush Mattress, Brush Layers, Vegetated Geo Grids, Fascines, Brush Layer Boxes (as a production technique), native plants plantings, rock rip-rap and several erosion control fabrics.

Time: 7 AM - 3 PM

Cost: \$36 (includes lunch)

#3 Urban Farming in SE Michigan

This tour will include stops at several urban farms and community gardens in downtown Detroit. The first stop will be Vandalia Gardens Urban Farmers, the only urban farm in Michigan that has been environmentally verified through the Michigan Agriculture Environmental Assurance Program. The second stop will be the Earthworks Garden, run by the Capuchin Soup Kitchen, where organic produce is grown and distributed to local markets and low-income residents. The third stop will be the Catherine Ferguson Academy, a public school for pregnant and

parenting teenagers where students learn hands-on lessons in art, math and other subjects by caring for farm animals and plants. Lunch will be served at Romanowski Farm Park, a city park revitalized through a massive collaborative effort that included opportunities for recreation, teaching, and farming. The final stop will be just around the corner at the American Indian Health and Family Services, where students raise and care for culturally significant plants.

Time: 7 AM - 3 PM

Cost: \$36 (includes lunch)

#4 Emerald Ash Borer in Michigan

Join us to learn more about the emerald ash borer and the devastating impact that this invasive insect has had on Michigan's communities. This tour group will visit several local communities to learn how arborists and municipal leaders have handled ash tree treatments and removals, will hear about how public outreach and education have made a difference in fighting this infestation, and will visit a large wood disposal facility to see how affected wood was collected and processed. Lunch will be in a lovely park setting where participants can relax a bit, walk some trails, and see plenty of dead ash trees. The afternoon will feature the positive outcomes of the EAB outbreak as we see how reclaimed ash wood has been used in local green buildings and visit a sawmill to learn more about how the beetle has led to the development of a growing urban wood industry.

Time: 7 AM - 4 PM

Cost: \$40 (includes lunch)

#5 Monroe County Conservation & Cabela's

Visit several local farms that have implemented conservation practices through the Conservation Reserve and Conservation Reserve Enhancement Program. Conservation practices that will be visited include a 230 acre wetland restoration, filter strips and windbreaks. This tour will culminate with a stop at Cabela's, Michigan's #1 tourist attraction. While at Cabela's, be sure to visit the educational displays and aquariums.

Time: 7 AM - 3 PM

Cost: \$25 (includes snack-lunch is on your own at Cabela's)

#6 Canadian Technical Tour

Rules for international travel change June 1, 2009: You must have a passport and valid documentation to go on this tour. You will not be allowed to board the bus without proper documentation in your possession. This tour will include visits to Essex Region Conservation's Authority's (ERCA's) Demonstration Farm, Pit and Mound Project sites, and The Point Pelee National Park in Essex County, Ontario, Canada. There will also be a brief presentation and site visit on Emerald Ash Borer in Southwestern Ontario, Canada. More information on each of the stops is available on the conference website. Click the Tours tab.

Time: 7 AM - 5 PM

Cost: \$65 (includes lunch)

#7 Greenfield Village

Entering Greenfield Village is like stepping into an 80-acre time machine. It takes you back to the sights, sounds and sensations of America's past. There are 83 authentic, historic structures, from Noah Webster's home, where he wrote the first American dictionary, to Thomas Edison's Menlo Park laboratory, to the courthouse where Abraham Lincoln practiced law. The buildings and the things to see are only the beginning. There's the fun stuff, too. In Greenfield Village, you can ride in a genuine Model T or "pull" glass with world-class artisans; you can watch 1867 baseball or ride a train with a 19th-century steam engine. It's a place where you can choose your lunch from an 1850s menu or spend a quiet moment pondering the home and workshop where the Wright brothers invented the airplane. Greenfield Village is a celebration of people — people whose unbridled optimism came to define modern-day America.

Time: 9:15 AM - Noon or 5:30 PM

(van will return at noon and 5:30 PM)

Cost: \$25 (includes transportation to and from the village and full day pass-lunch is on your own)

#8 Upper Tiffin River Watershed Tour (CEAP Watershed)

Thursday, July 16, 2009

A "windshield" tour of the CEAP Upper Tiffin River watershed will show the typical farm and livestock landscape in Southeast Michigan. The tour will include an overview of field trials conducted to study conservation practice effects on movement of manure pathogens and nutrients to subsurface tile systems. Practices studied were manure application rate, tillage and water table management. The tour will also include a demonstration of mobile water quality data collection devices and an overview of a study relating local agricultural land use to water quality measurements in the Upper Tiffin River watershed.

Time: 7 AM - 5 PM

Cost: \$50 (includes lunch)

Technical Workshops

Sunday, July 12 from 1:30 PM - 4:00 PM

The professional development workshops held in conjunction with the SWCS international conference will be eligible for continuing education credits from various certifying organizations. Certified, licensed, or professional engineers (PE), agronomists (CPAg), soil scientists and classifiers (CPSS and CPSC), crop advisors (CCA), crop consultants (CPCC), foresters, range managers (CPRM), grassland professionals (CGP), professionals in erosion and sediment control (CPESC) and storm water quality (CPSWQ), and other professional conservationists may be able to obtain continuing education credits. Late fees for workshops apply beginning on June 2. All Sunday workshops are \$35 regular and \$45 late.

Workshop #1: The Social Side of Nonpoint Source Management: Using Social Indicators to Build Effective NPS Programs

Organizer: Rebecca Power, University of Wisconsin Extension

Email: rlpower@wisc.edu

Working with land owners and managers to find effective and practical solutions to water quality problems is crucial to achieving environmental goals. Social indicators provide information about the social context, awareness, attitudes, capacities, constraints, and behaviors in a watershed or project area. Using social indicators can help conservation professionals understand and target audiences, select effective interventions, and evaluate their impacts. This interactive workshop will 1) provide an overview of social indicators for nonpoint source (NPS) projects, 2) describe how indicators are being used in Upper Great Lakes states for NPS planning and evaluation, 3) guide workshop participants through the process for developing and applying social indicators in their own NPS management efforts, and 4) provide participants with tools and reference materials to support their work at home.

Instructors: Rebecca Power, University of Wisconsin-Extension; Linda Prokopy, Purdue University; and Ken Genskow, University of Wisconsin, Madison

Workshop #2: Start Connecting With Absentee Landowners

Organizer: Tom Buman, Agren

Email: tom@agren-inc.com

Presently, over 40 percent of our nation's landowners do not operate the land they own. The importance of identifying effective methods to reach out to absentee landowners on conservation initiatives is heightened each year as land ownership continues to evolve. This workshop will inform participants of the importance of reaching out to absentee landowners on conservation issues and the potential opportunity this audience holds. Secondly, the workshop will increase participants' effectiveness in engaging absentee landowners in conservation. Finally, the workshop will provide participants with tools and resources to enable these practitioners to champion absentee landowner issues and mentor their peers. Workshop exercises will allow participants to begin planning how their own programming can be adapted to better meet the needs of absentee landowners and receive feedback on their plans from workshop presenters.

Workshop #3: Native Pollinators and Conservation

Organizer: Cheryl Simmons

Email: cheryl.simmons@ftw.usda.gov

This intermediate level workshop focuses on how the NRCS and its partners can implement pollinator conservation practices that support both diverse wildlife habitat and production of adjacent agricultural crops. This training includes fundamental principles of pollinator biology, economics of insect pollination, recognizing native bee species, and tools for assessing pollinator habitat. The workshop will cover on-farm management practices for pollinator protection, the development of pollinator habitat enhancements, incorporating pollinator conservation into existing NRCS programs, selection of plants for pollinator enhancement sites, management of habitat, and potential funding sources and technical support that may be available. We will utilize field case studies of pollinator conservation efforts around the country.

Exam Review Courses

These review courses help prepare conservation professionals to become certified by various organizations.

Review Course #1: SSSA's Soil Science Exam Preparation Workshop

Organizer: Soil Science Society of America (SSSA)

Date/Time: Saturday, July 11 8:00 AM - 5:00 PM

SSSA administers the Certified Professional Soil Scientist and Soil Classifier certification programs. Each certification requires passing the fundamentals and professional practice exams. The exams are also used by seven state licensing programs for soil science. The workshop is designed to help facilitate an applicant's study and review primary soils objectives. It is not designed to teach to the exam nor can someone expect to pass the exam without formal study in soil science and further preparation prior to sitting for the exam. Undergraduate and graduate students are a primary audience for the workshop if they desire to be a professional certified in soil science. No exam offered.

Cost: \$225/\$275 late fee

Review Course #2: CPESC Review Workshop

Organizer: Envirocert International

Date/Time: Monday, July 13 10:30 AM - 5:00 PM

Once again, SWCS will offer the full-day Certified Professional in Erosion and Sediment Control (CPESC) Exam Review Course. You may register and attend a review session without having to take the exam. Your registration fee for the session includes a review workbook with essential information for passing an EnviroCert exam as well. Whether you're taking the exam or considering becoming certified in the future, this is a great opportunity to review the principles of erosion and sediment control, hydrology, and urban runoff. If you plan to apply for certification in the future, or if you're interested in learning more about how professional certification can benefit your career, then you don't want to miss one of these information-packed exam review sessions. For more information about the process, visit www.cpesc.org or contact John Brown, CPESC Program Manager, john@cpesc.org.

Cost: \$225/\$275 late fee

All EnviroCert Exams (CPESC/CPSWQ/CESSWI) will be offered on Tuesday, July 14 from 1:00 PM - 5:00 PM

Cost: \$65/\$85 late if not registered for the Review workshop.

Adaptive Management of Conservation Efforts

- Adaptive Management for Nutrient Management and Effective Conservation (10th Joint SSSA-SWCS Symposium)

Conservation and Environmental Policy and Program Design

- “Global conservation agriculture and food security” or “Conservation agriculture and food security in developing countries”
- Ecosystem Service Markets: Scaling-Up Conservation (Gretchen Hoffman, American Farmland Trust)
- Global Pollination Services: Threat, Impact, and Required Response (Doug Holy, USDA-NRCS)
- Implications of the Voluntary Michigan Agriculture Environmental Assurance Program (MAEAP) (Carrie Vollmer-Sanders, Michigan Farm Bureau)
- Performance-based Environmental Policies for Agriculture (PEPA): Providing Flexible Incentives to Improve the Cost-effectiveness of Agricultural Pollution Control (Claire Baffaut, USDA-ARS; Jonathan Winsten, University of Vermont; Chad Ingels, University of Iowa)
- The Soil and Water Resources Conservation Act - The Next RCA (Patricia Lawrence, USDA-NRCS)
- The Sugar Creek Water Quality Trading Program in Ohio (Richard Moore, Ohio State University)

Conservation Education

- Absentee Landowners: A tipping point for conservation? (Jamie Ridgely, Agren, Inc.)

Conservation in Urban Settings

- Michigan's Low Impact Development Campaign (E. Wendy Ogilvie, Fishbeck, Thompson, Carr & Huber, Inc.)

Conservation Tools and Technologies

- Ecological Site Descriptions – Decision Support for Planning and Application (Pat L. Shaver, USDA-NRCS-WNTSC)
- Economic Benefits for Decision Support (June C Grabemeyer, Agricultural Economist, NRCS)
- From Farm to Sea: Agriculture Working for Cleaner Water (Gretchen Hoffman, American Farmland Trust)
- LiDAR: A key to tomorrow's conservation planning efforts? (Tom Buman, Agren, Inc.)
- Strategic Conservation Planning & Targeted Delivery (Steve Moan, Rainwater Basin Joint Venture)

Soil Resources and Management

- CEAP National Cropland Assessment - current findings and interpretation (Texas A&M AgriLife Research)
- Potential geospecific correlations of soil series and soil/water microbial properties with the stroke belt of the southeastern US (Patrick G. Hunt, USDA-ARS, Florence, SC)
- Environmental Impacts from a Bioenergy Economy (Donald Tyler, University of Tennessee)
- Using Cover Crops to Manage Nutrient Availability and Soil Compaction (James J. Hoorman, Ohio State University)

Water Resources and Management

- Developing Solutions to Water Infrastructure Concerns in West Central Minnesota (Melissa Levy, Yellow Wood Associates)
- The Science of Setting Acceptable Levels of Off-Field Nutrient Losses in the Upper Mississippi River Basin (Rebecca Power, University of Wisconsin Extension)
- Watershed Evaluations of BMPs in Canada (Klaas Broersma, Agriculture and Agri-Food Canada)

Adaptive Management of Conservation Efforts

- Adapting to Revolutionary Change in Water Policy
- Aspects of Ecohydrological Principles/Processes as it Relates to Hopi Dry Land Farming Practices
- Bayesian networks to evaluate effects of the Little Bear River water quality conservation project
- Defining Data Sufficiency For Resource Management and Decision-Making: Can Legal, Scientific, and Administrative Requirements Be Achieved in Times of Limited Resources and Data?
- Effect of Salinity and Irrigation Rates on Tomato Production under Surface and Subsurface Drip Irrigation Systems
- Enhancing Wetlands in the Ausable and Bayfield River Watersheds
- La Junta Saltcedar Project - Biological Control on the Border

Conservation and Environmental Policy and Program Design

- A Decade of Natural Resource Conservation: Pima County in the New Millennium
- Conservation Collaboration with the Land Trust Community
- Effectiveness of environmental policies and bioenergy production incentives
- Land Use and Environmental Impacts of Corn Grain and Cellulosic Ethanol: Policy Implications
- Michigan's CSP: A Case Study of Participation and Cooperation Potential
- Pilot-testing Performance-based Incentives for Agricultural Pollution Control
- Quantifying Wildlife Benefits of the Conservation Reserve Program: Monitoring Birds on USDA's Habitat Buffers For Upland Birds
- Scenario Assessment of Multiple BMPs in the South Tobacco Creek Watershed in Southern Manitoba
- The Assessment of Water Quality Impacts of CRP: A Case Study of the La Moine River Watershed, Illinois
- The Use of The Environmental Quality Incentive Program to Fund Native Grassland Plantings as Conservation Cover, Wildlife Habitat, Forage, and a Dedicated Energy Crop
- The Wild Link Program: Working With Private Landowners to Preserve and Enhance Ecological Corridors
- Towards Enhanced Agricultural Landscape Planning - The Watershed Evaluation of BMPs (WEBs) Project in Canada
- Use Manure for Energy or Fertilizer?
- Working with Producers: Sharing the Cost of Clean Water

Conservation in Urban Settings

- Chemical and Microbiological Water Quality of an Urban Watershed Impacted by Stormwater and Combined Sewer Overflows
- Improving an Urban Ecosystem for Recreational Uses: The Carpenter Lake Restoration Project
- Plant a Million

Conservation Tools and Technologies

- A Comparison of Fairway Distribution Uniformity Computed with Catch Can Data and with Soil Moisture Data from Three Sampling Depths
- A SWAT Based Integrated Economic-Hydrologic Modeling System for Watershed Evaluation of BMPs
- Assessing NRCS program effectiveness using the Environmental Quality Index: Demonstration of today's approach and prospects for the future
- Assessing Radish Capability for phytoremediation of soil Lead (Pb)
- Case Study, an Old Conservation Tool Emphasizing Transition
- Combined Wind and Water Erosion Modeling
- Impact of sustained deficit irrigation on spearmint as a water-saving technique
- Managing Soil Water Repellency for Conservation of Water and Soil Productivity

- Propane-Fueled Pest Management Practices for Agriculture
- Regional Sales Manager
- The Advent and Evolution of Conservation Planning with Mobile Technology in the Natural Resources Conservation in New York State
- Use of Electromagnetic Induction (EMI) to Identify Possible Ground Water Quality Impacts from Agricultural Activities
- Using the Forestry Reclamation Approach to establish healthy, productive and diverse forests on active and abandoned surface mine disturbances.

Soil Resources and Management: Soil Resource Assessment

- A Study on the soil erodibility factor (K in USLE) and its relation to soil physical properties in Loessial soils, Golestan Province of Iran
- Landownership, a Strategy for a sustainable development on the Highlands in Madagascar
- Relationships Between Organic Carbon and Soil Physical Properties in No-Till Systems in the Central Great Plains
- The potential impact of global climate change on runoff, erosion and crop yield assessment on the Loess Plateau

Soil Resources and Management:

Soil Resource Management and Conservation

- A Spatially Distributed Modeling Approach for Precision Conservation and Agroecosystem Design
- Agroforestry: a tool for soil conservation
- Assessing The Economic and Environmental Impacts of Ethanol Production on Commercial and Manure Fertilizer Use in Corn Production at the County level
- Assessing The Economic and Environmental Impacts of Ethanol Production on Commercial and Manure Fertilizer Use in Corn Production at the County level
- Comparing MPSIAC, EPM and Hydrophysical models for erosion and sediment yield assessment using GIS: Nojian watershed, Lorestan Province, Iran
- Conservation Tillage Systems on Poorly Drained Soil
- Crop Rotation and Tillage Impact on Soil Carbon Sequestration
- Development of Guidelines for Use of Polyacrylamide for Erosion and Runoff Control for Disturbed Areas
- Evaluation of ASTER remote sensing indices for estimation of crop residue
- Impacts of Manure and Nitrogen Fertilizer Application on Economics and Nitrate Concentration in the South Tobacco Creek Watershed of Manitoba
- Irrigated Corn Cob Production and Quality: Potential Cellulosic Feedstock
- Nutrient Management Plan for Land Application of Food Processing Byproducts in Stanislaus County
- Evaluating Soil Conservation Technologies in the Mid Hill Regions of Nepal: Bio-Economic Modeling Approach
- Quantification of atrazine in soil and water according to position on the landscape in a corn field at south of Minas Gerais State - Brazil
- Risk Preferences as Determinants of Soil Conservation Decision in Ethiopia
- Switchgrass Production Practices and Development of a Successful Bioenergy Program
- Utilizing Cover Crops to Enhance Soil Quality in No-till Cropping Systems

Water Resources and Management

- Agricultural land use impacts on prairie surface water quality
- An Analysis of Three Years of In-Situ Water Quality Data Collected for the Upper Tiffin River, Michigan, and the Relationship to Land Use Data
- Assessment of Metals Contaminations in Surface water and Sediments of an Urban Watershed: Scenario from a Developing Country
- Calibration and Characterization of an Improved Low-Cost Soil Moisture Sensor
- Characterization of a Perchlorate Contaminated Site
- Conservation Effort in the Klamath Basin, Northern California
- Development of a Critical Areas Map of the Pigeon River Watershed, Ottawa County, Michigan
- Economic Assessment of Alternative Beneficial Management Practices (BMPs) in Canadian Watersheds: Summary of Results
- Estimates of Evapotranspiration from Satellite Images to Improve Water Management in Semiarid Region
- Flood of 2008: Peak-flow water-quality loads from major river basins in Iowa
- June 2008 Floods in Southern Indiana, A Natural Resources Perspective
- Flow Along a Complex Stream and Its Impact for Agricultural BMP Selection
- Impact of Climate Change on Non-Point Source Pollution in Canard River Watershed, Ontario
- Impacts of exclusion fencing on water quality and vegetation in the Salmon River watershed in south-central BC
- Influence of streambank fencing and off-stream watering on water quality and riparian health of the Lower Little Bow River
- Naturalized Channel Design: A Collaborative Evaluation of an Alternative Drainage Channel Design in the Midwest
- Phosphorus and nitrogen losses in drainflow under two water table management systems
- Frazier Lake Restoration
- Rainwater Harvesting for Non-potable Reuse in Gardens: a comparison of runoff water quality from green roofs versus traditional roofing applications
- Remote Sensing for Improved NRCS and Watershed Sponsor Dam O&M, Inspection Efficiency, Inventory Database Consistency, and Emergency Response
- Sediment Distribution Characteristics of Select Streams within the Illinois River Watershed
- Sources and Management of Sediments and Nutrients in Bathurst Water Supply Watershed, Australia
- The Huntoon Creek Subbasin: Identifying Potential Areas for Conservation Practices and Wetland Restoration
- Utility of AGWA in NRCS Rapid Watershed Assessments

Concurrent Sessions for Symposia and Oral Presentations are 90-minutes. These concurrent sessions blocks will take place on both Monday and Tuesday at 10:30 AM, 1:30 PM, and 3:30 PM

Accommodations

The Hyatt Regency Dearborn
600 Town Center Drive
Dearborn, Michigan, USA
Tel: (313) 593-1234 Fax: (313) 593-3366

The Hyatt Regency Dearborn offers a unique blend of sleek sophistication and welcoming hospitality. This suburban Detroit hotel is just across from Ford World Headquarters and the Henry Ford Museum, and just minutes from downtown. Enjoy the many advantages of this well-designed hotel – from extensive business facilities and spacious guestrooms with plush Grand Beds to onsite transportation services and delicious dining options – all coupled with legendary Hyatt service.

The hotel offers sauna, whirlpool, fitness facility, concierge, gift shop, meeting facilities, and indoor pool. Rooms feature modem, data port, coffee maker, and hair dryer.

The cut-off date for the SWCS room block is 6/14/2009. Reservation requests received after the cut-off date will be based on availability at the Hotel's prevailing rates.

Hotel info: <http://dearborn.hyatt.com/>

Things to do: www.visitdetroit.com

Reservations may be made by calling the Hotel's Reservation Department at (313) 593-1234 or (800) 233-1234 and referencing the SWCS Annual Conference or may be made online at www.swcs.org/09ac

Room Rates (plus taxes)

Gov't Rate (w/ valid Gov't ID at check in)	\$107
Single Occupancy:	\$139
Double Occupancy:	\$139
Triple Occupancy:	\$159
Quadruple Occupancy:	\$159
Regency Club:	\$179

We have made arrangements for a percentage of the block to be for US Government employees at the prevailing per diem rate of \$107. You must show an active Government ID at check in or your rate will revert to the regular rate for the block (\$139).

Special recognition to SWCS corporate members for their continued support.

GOLD

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www.scourstop.com

Please Stay at the Hyatt!!

The 2009 Conference is a full program, and all of the educational sessions, symposia, networking, receptions, and workshops take place at the hotel – there are no off-site events. By staying at the conference hotel, you will have a better overall conference experience, easy access to events throughout the day, the option of returning to your room during breaks, relaxing at evening receptions, and lots of soft seating areas for networking with other attendees during the week.

We have negotiated a special per diem block for government employees. The Society has a guaranteed block of rooms which, if unfilled, will require us to reimburse the hotel if they are unused. Reimbursement to the hotel this year will mean higher registration fees for next year.



Getting there Northwest Airlines

We have arranged with Northwest Airlines for a special discount for conference attendees flying to the conference. More information is available online

at www.swcs.org/09ac

Instructions

- * Go to www.nwa.com and click on "Search for Flights"
- * Enter travel dates and cities (the airport code for Detroit is DTW) and select "Yes" in E-Cert field
- * Choose Meeting Agreement from drop down list
- * Enter the unique 5-character Meeting Agreement Code: NM2VL

For additional assistance with your airline reservations, call Northwest at 1-800-328-1111, Mon-Fri 7:00 AM-7:30 PM Central Time.

Transportation to/from Detroit International Airport Airport Shuttle

Shuttle Transportation to and from the airport is available through Checker Sedan (a member of the GO Airport Shuttle network) and can be pre-arranged at 800-351-5466 (Press 1 for phone reservations) or make your reservations online via the 'Getting There' link on the conference website. Rates: \$38.00 per vehicle one way; \$60.00 per vehicle round trip (Vehicle seats up to 4 passengers)

Taxi

Detroit Metro Airport Taxi Association has taxis available at the Ground Transportation stand in each terminal. They will also pick guests up at Hyatt Regency Dearborn to return to the airport.

Cost: \$31.00 each way plus gratuity.

Phone: 800-745-5191

Directions to the Hyatt are available online at <http://dearborn.hyatt.com/>

Registration

The conference registration fee covers one participant. Please use the appropriate area on the registration form (P11) or online to purchase additional tickets for immediate family members to attend the Welcome Reception, tours, or other special events. If your guest is planning on attending plenaries, symposia, oral presentations, etc. they will be expected to register for the conference.

Register online at www.swcs.org or return the completed registration form along with the appropriate fees to:

Soil and Water Conservation Society
ATTN: Registration
945 SW Ankeny Rd.
Ankeny, IA 50023
or fax to (515) 289-1227

Payments for conference fees, tours, meal functions, and activities must accompany registration and will be accepted in U.S. funds only – credit card (MasterCard, VISA, or American Express) or check. Cancellation of conference registration, tours, meal functions, or activities must be received in writing no later than June 2, 2009 to receive a full refund.

Cancellations received in writing June 2 through July 2 are subject to a processing fee of \$60 per registration and \$5 per ticket purchased. No refunds will be made for conference registrations, workshops, tours, meal functions, or activities after July 2, 2009. This policy will be followed due to commitments made to service providers.

Special Needs

Please indicate on the registration form any physical or dietary special needs. The Soil and Water Conservation Society is committed to meeting the needs of persons covered by the Americans With Disabilities Act.

Tickets, Workshops, Tours, Meals

Tours, special meal functions, and workshops will be handled on a reserved ticket basis only and must accompany a conference registration. Fees for these functions should be added to the conference registration. Tickets will be sold at the conference based on availability, but it is best to purchase as early as possible to guarantee participation. Tours, special meal functions, and workshops may be cancelled without sufficient participation. Refunds for cancelled activities will be given after the conclusion of the annual conference.

All tours organized by SWCS are subject to minimum and maximum capacity controls. SWCS reserves the right to cancel if minimum registrations are not reached or for other reasons beyond our control. Maximums may also be adjusted, so reserve your space early. If a tour is cancelled or tour minimums are not met, the options will be to exchange the ticket(s) for another tour or take a full refund.



Exhibit/Sponsorship Options

1) Buy an Exhibit Booth, Get Two Registrations

If you're sending two or more people to the conference, have you considered showcasing your agency's successes or your company or organization's products, services or programs in the conference Exhibit Hall? More information for exhibitors and sponsors is available online at www.swcs.org

2) Just a Table

If you're already planning on attending, but would just like some extra space to showcase the success of your chapter, agency, project, or program at the conference, you can reserve a tabletop space in the exhibit hall for just \$100.

3) Break Sponsor

Each day there will be two hosted coffee breaks in the exhibit hall for all registered attendees. Get additional exposure by sponsoring one or more of these breaks. Cost to sponsor a break is \$1,500.

Benefits

- Recognition as Coffee Break Sponsor at the coffee break venue.
- Recognition as a Sponsor in the Official 2009 SWCS Conference Program.
- Recognition on the 2009 SWCS Conference website, with link to corporate or organization homepage.

Visit the sponsor page on the conference website for additional opportunities or contact SueAnn Lynes at sueann.lynes@swcs.org.

Events, Meetings, & Luncheons

Conservation Leadership Workshop

Saturday, July 11 – 10:00 AM

This year's Conservation Leadership Workshop will provide conservation professionals with tools to improve their skills as a leader of grassroots efforts. Whether you are a new chapter officer or committee chair, or someone who has been around a while, there is something for everyone at this year's workshop!

Two breakout sessions will be offered this year:

- The Basics of Not for Profit Management – this “nuts and bolts” session will include topics such as duties of chapter officers, roles of committees; identifying and recruiting potential leaders; the importance of planning (annual, strategic), budgeting basics, where to find available resources, your relationship with headquarters, etc.
- Governance Matters – this session will “sharpen your saw” as a board member and discuss a variety of topics on board development, such as how to evaluate and improve the performance and effectiveness of your board, liability, conflicts of interest, how to get rid of dead wood, decision making tools, financial oversight, strategic planning, how to get better results from your meetings, and more.

The workshop will also feature two other exciting sessions:

Professional Development - A one-hour segment on professional development will include success stories from past Chapter award winners along with topics such as how to identify training needs, gain support of conservation leaders and evaluate your programs; and The Art and Science of Planning and Organizing a Conservation Forum or Technical Workshop - a one-hour session on how to make these events a win-win for your chapter and other topics such as site visits and logistics, contract negotiation, promotion, sponsorships, working with speakers, and budgeting.

Speakers will include subject matter experts and leaders of award-winning chapters. You will also have the opportunity to hear from SWCS leadership and staff members.

Workshop Fee: \$65/\$85 late fee

Lunch and breaks provided in workshop fee.

State of the Society/House of Delegates/ Town Hall Meeting

Sunday, July 12 – 11:30 AM

(optional lunch); Noon (meeting)

The annual SWCS State of the Society meeting will include President Peggie James' State of the Society address, the House of Delegates session, and a Town Hall Meeting. Like last year, both the delegate session and State of the Society are open to all SWCS conference attendees. The town hall meeting will provide conference attendees the opportunity to share their views with the SWCS Board of Directors on the following topic:

Energy, water, and global climate change will drive research and environmental programs over the next century. This will largely determine what we hand off to our sons and daughters. We are heading into a time period that is comparable in significance to the Great Dust Bowl. What role do you see the Society playing relating to these issues or what role would you like to see the Society play relating to these issues?

We hope this new approach will continue to facilitate an open and far ranging discussion of where SWCS should be going in the future. We encourage everyone to participate.

Tickets are available for an optional buffet luncheon preceding the meeting. The luncheon begins at 11:30 AM. You are not required to purchase a ticket to the buffet luncheon to participate in the session.

Student Members Information Session and Discussion

Sunday, July 12 – 1:30 PM

This is a new feature for the SWCS Annual Conference. This event will start with a guest speaker, who will describe the current conservation career environment and how students can groom their education to address these career demands. Following the speaker, there will be an information and discussion session. Here participants will learn about the new Mentor Program and will be given an opportunity to give and gain advice on a range of issues affecting student members such as student chapter membership and activities, how to start a student chapter, professional networking and more. Attendance is encouraged for student members, student chapter advisors, and those wishing to start a new student chapter.

New Members/First Timers Orientation

Sunday, July 12 – 6:00 PM

If you are a new member or are attending the Soil and Water Conservation Society annual conference for the first time, be sure to attend this orientation. This is a great opportunity to meet others and discuss the conference with a few “experienced” board members and others about sessions, schedules, symposia, and networking opportunities.

Welcome Reception in Exhibit Hall with Poster Presentations

Sunday, July 12 – 6:30 PM

Don't miss this exciting networking event. You will have an opportunity to make connections with potential business associates and reconnect with your colleagues; meet vendors showcasing their newest technology and products as well as visit with the authors who will be present with their posters. New this year is the “Just a Table” option to show off your chapter. See page 9 for details. Guest tickets available for purchase.

Regional Roundtable Lunches

Monday, July 13 – Noon

Following the positive feedback received from last year's lunches, all regional roundtable lunches will again be held concurrently from Noon to 1:30 PM on Monday, July 13. Come join your colleagues for this roundtable discussion of local events and issues regarding your region. You may purchase tickets for you and any guests you wish to bring to this lunch on the registration form.

Awards Luncheon

Tuesday, July 14 – Noon

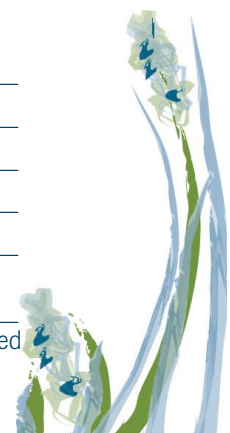
SWCS is pleased to honor awards recipients that have exhibited exemplary service to the conservation community. Please join us at the Awards Luncheon on Tuesday, July 14th beginning at noon. All Conference attendees are encouraged to attend the Awards luncheon. Luncheon tickets are not included in the registration fee. These tickets may be purchased separately on the registration form or onsite, if available.

Soil and Water Conservation Society Annual Conference and Exposition

Name (please print)* _____
 Company/Organization _____
 Address* _____
 City/State/Province* _____ Zip/Postal Code* _____ Country* _____
 Phone _____ Fax _____ Email* _____

Physical or Dietary restrictions? **Yes No** If yes, please indicate: _____

* Required



1. Registration Join today! Include a SWCS Conservationist level membership (\$80) and save on registration.

	thru June 2	June 2 - July 2	July 3 + and onsite
<input type="radio"/> SWCS Member	<input type="radio"/> \$350.00	<input type="radio"/> \$395.00	<input type="radio"/> \$440.00
<input type="radio"/> Non Member	<input type="radio"/> \$460.00	<input type="radio"/> \$510.00	<input type="radio"/> \$575.00
<input type="radio"/> Register & Join SWCS	<input type="radio"/> \$430.00	<input type="radio"/> \$475.00	<input type="radio"/> \$520.00
<input type="radio"/> Senior (Retired)	<input type="radio"/> \$240.00	<input type="radio"/> \$265.00	<input type="radio"/> \$290.00
Full Time Students			
<input type="radio"/> SWCS Member	<input type="radio"/> \$145.00	<input type="radio"/> \$190.00	<input type="radio"/> \$220.00
<input type="radio"/> Student Non-member	<input type="radio"/> \$180.00	<input type="radio"/> \$235.00	<input type="radio"/> \$270.00

The following events are included with registration. Please indicate your intent to participate

- Student Member Session (Sun 1:30 PM) Fellows Forum (Sun 4 PM)
 Sunday Evening Welcome Reception (Sun 6:30 PM) New Members/First Timers Orientation (Sun 6 PM)
 State of the Society Town Hall Meeting (Sun Noon) Screening of Dirt! The Movie (Mon 7 PM) **Registration Total \$ _____**

2. Workshops (late fees apply beginning on June 2)

Saturday Conservation Leadership Workshop (Lunch included) \$65/\$85 late x ____ = \$ _____

Sunday Technical Workshop #1 The Social Side of Nonpoint Source Management \$35/\$45 late x ____ = \$ _____

- Technical Workshop #2 Start Connecting With Absentee Landowners
 Technical Workshop #3 Native Pollinators and Conservation

Workshops Total \$ _____

3. Exam Review Courses (late fees apply beginning on June 2)

- Saturday 8:00 AM SSSA Review Session \$225/\$275 late x ____ = \$ _____
 Monday 10:30 AM CPESC Review Session \$225/\$275 late x ____ = \$ _____
 Tuesday 1:00 PM CPESC TEST ONLY \$65/\$85 late x ____ = \$ _____
 Tuesday 1:00 PM CESSWI TEST ONLY \$65/\$85 late x ____ = \$ _____
 Tuesday 1:00 PM CPSWQ TEST ONLY \$65/\$85 late x ____ = \$ _____

Review Courses/Test Total \$ _____

4. Outdoor Classroom - Educational Tours (late fees apply beginning on June 2)

- Tour #1 AM Fisheries \$30/\$45 late x ____ = \$ _____
 Tour #1 PM Fisheries \$30/\$45 late x ____ = \$ _____
 Tour #2 Ford/Rouge \$36/\$51 late x ____ = \$ _____
 Tour #3 Urban Farming \$36/\$51 late x ____ = \$ _____
 Tour #4 Emerald Ash Borer \$40/\$55 late x ____ = \$ _____
 Tour #5 Monroe County Conservation and Cabela's \$25/\$40 late x ____ = \$ _____
 Tour #6 Canadian (PASSPORT REQUIRED) \$65/\$80 late x ____ = \$ _____
 Tour #7 Greenfield Village \$25/\$40 late x ____ = \$ _____
 Tour #8 CEAP Watershed \$50/\$65 late x ____ = \$ _____ (THURSDAY)

Total for Optional Tickets \$ _____

5. Regional Roundtable Lunches- Guests Welcome (late fees apply beginning on June 2)

All lunches are on Monday - Please indicate the group you plan to join.

- Northern Plains South Central & Southeastern East North Central
 West North Central Canadian Northeastern
 Southwestern Western

\$45/\$50 late x ____ = **Total Regional Roundtable Lunches \$ _____**

6. Special Events Tickets (late fees apply beginning on June 2)

These events (except for the Welcome Reception) are not included with conference registration.

Please purchase tickets for yourself and guests as necessary.

- State of Society Optional Lunch \$35/\$40 late x ____ = \$ _____
 Guest tickets for Welcome Reception \$5/\$15 late x ____ = \$ _____
 Awards Lunch \$45/\$55 late x ____ = \$ _____

Total Special Event \$ _____

Additional Contribution to SWCS Program Development Fund \$ _____

Registration Total \$ _____

Registration

Register and pay online at:

www.swcs.org OR

return completed form and payment to:

Soil and Water Conservation Society

Attn: **2009 Registration**

945 SW Ankeny Road Ankeny, IA 50023

Fax to **515-289-1227**

Method of Payment

Choose One

Payment must accompany registration.

Check -

All checks should be payable to SWCS

Check (US funds) encl. for \$ _____ Check # _____

Charge \$ _____

to: MasterCard Visa

American Express

Credit Card Information

(if paying with credit card)

Name on card _____

Card billing address _____

Card # _____

Exp _____

Phone number _____

Signature _____

Poster Presentations

In addition to these posters, there will also be poster presentations from 20+ Conservation Innovation Grants (CIG) projects that are still making their way through the review process.

Adaptive Management of Conservation Efforts

- Cover crops: Are they always efficient to decrease the risk of nitrates leaching?
- Effect of salinity and irrigation rates on tomato production under surface and subsurface drip irrigation systems
- Trends in Michigan Land Cover Using C-CAP Land Cover Products: A Spatial and Temporal Analysis

Conservation and Environmental Policy and Program Design

- Correlation between Ammonia-N, Seasonal Runoff, Manure Application and other Ammonia-N Sources in Iowa, and Preventive Solutions

Conservation in Urban Settings

- USDA Farmland Protection Program

Conservation Tools and Technologies

- A Regional Matrix Tool for Cover Crop Selection
- An Integrated Assessment of Agricultural BMPs on Water Quality Improvement at a Watershed Scale
- Assessment of Crop Residue Cover using Remote Sensing in the Tiffin watershed, Michigan
- Certified Environmental Management Systems for Agriculture – Energy Planning and Assessment Project
- Developing a Poultry Litter Subsurface Applicator to Minimize Nutrient Losses from Perennial Grassland
- Efforts to analyze nutrient management without the use of commercial fertilizer
- Establishment and Effectiveness of Sod Strips for Soil Conservation
- Terrace Layout Using A Computer Assisted System
- Time-tested Pitcher Irrigation Helps Green the Slopes of Khanasser Valley
- Using a Technology Market to Promote Indigenous Knowledge and Innovative Soil and Water Conservation Technology: A Case Study from Northwestern Syria
- Working With Local Leaders- A Success Story

Soil Resources and Management: Soil Resource Assessment

- Assessment of Cropping System, Land Types and
- Effect of Soil Particle Size Distribution and Water Content on the Solute Transport in Unsaturated Soil
- Soil – A Necessary Resource for Our Future

Soil Resources and Management: Soil Resource Management and Conservation

- Empowering Ontario Producers for Better Soil Management
- Evidence That Tree Buffers Can Reduce Runoff from Pastures Receiving Poultry Litter
- Soil Organic Matter Relationships to Microbial Activity in Dryland Crop Rotations of Western South Dakota
- The Resource Conservation and Development Program of USDA Delivering Conservation, Today and Tomorrow

Water Resources and Management

- Cattle exclusion fencing of riparian zone impact on suspended sediment, Salmon River, southern Interior of B.C.
- Floodplain Forest Restoration in a Dynamic River System
- Influence of P- and N-based Manure Application on Runoff Quality Off-Line Flood Storage
- Spatial and Temporal Soil Moisture behavior in a Headwater Watershed of the Mantiqueira Range, Minas Gerais, Brazil
- Spatial continuity modeling of the soil moisture in a watershed of the Mantiqueira Range environment, Brazil
- Stormwater Utility – A Brief Overview
- The Iowa Soybean Association Watershed Programming: The Boone River Watershed Project
- Water Resource Monitoring Networks Operated By the Natural Resources Conservation Service
- What Happens When it Rains in the Illinois River Watershed?

Call for Posters Still Open

To continue to encourage participation and allow for the inclusion of research conclusions since the original deadline, the Program Committee will continue to accept abstracts for Poster Presentations for the annual conference. Download the call for papers and complete instructions at www.swcs.org/09ac



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Soil & Water Conservation Society
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Ankeny, IA 50023

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