

RISING TOGETHER

COLLABORATIVE CONSERVATION FOR ALL



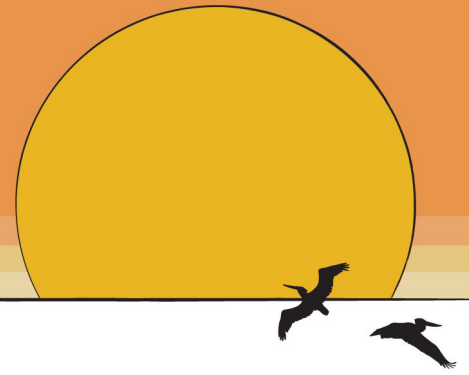
79TH SWCS INTERNATIONAL ANNUAL CONFERENCE
MYRTLE BEACH, SOUTH CAROLINA | JULY 21-24, 2024

PRELIMINARY PROGRAM



Join in the conversation!

@SWCSNews | #SWCS24



ABOUT THE CONFERENCE

This year, we are bringing our conservation family to a place where families gather every year to witness the region's natural beauty and enjoy the company of one another.

We will assemble a diverse, multigenerational conservation network of researchers, practitioners, industry leaders, farmers, and students from around the world to Myrtle Beach, a coastal community located in South Carolina, just minutes from the North Carolina border. Surrounded by breathtaking scenery, Myrtle Beach and the other coastal communities along the strand showcase the charm and vulnerability of our world's great ecosystems. From the beaches, you can see islands and inlets surrounded by coastal wetlands. Coastal ecosystems transition upriver to a diverse agricultural area covering two-thirds of the state, including peanuts, corn, cotton, livestock, and timber production. From there, a sharp rise in elevation leads into the Blue Ridge Mountains, a beautiful section of the Appalachian Mountain Range.

This year's conference theme, "Rising Together: Collaborative Conservation for All," challenges all conservationists to rise to the significant challenges and opportunities ahead of us, together.

At this year's event, we will share successes and embrace lessons learned to move toward our natural resource goals with greater speed, efficiency, effectiveness, and inclusivity. We will navigate the capacity, innovation, and partnerships needed to regenerate our land, water, and other natural resources.

The agenda will feature the latest ideas, technologies, and practices and foster a dialogue around their adoption. Cutting-edge research and practice developments in soil health, water quality, and resource management will be shared through various workshops, sessions, symposia, tours, exhibits, and demonstrations. Scientists and practitioners will present their work at the field, farm, and watershed scales across various private and public arenas. Applications of social theories and examples of successful outreach and education will enable you to identify ways to scale up localized successes. As an attendee, you will also hear about policy and economic developments that build a framework to increase conservation adoption and support future generations.

Outside of the formal program, you can carry on discussions while the sun sets along the strand, watch the tides rise and fall, listen to the birds sing, and have fun with your conservation family and maybe some of your own family as well!

SCHEDULE AT-A-GLANCE

SUNDAY, JULY 21

New Member and First Timer Orientation
 Half-Day Workshops
 Student + Early Career Professional Networking
 Local Forum and Flavor Reception

MONDAY, JULY 22

Conference Kickoff
 Pritchard Keynote Lecture
 Concurrent Sessions
 SWCS Members Luncheon
 Exhibitor and Poster Reception

TUESDAY, JULY 23

Plenary Sessions
 Concurrent Sessions
 Awards Luncheon

WEDNESDAY, JULY 24

Concurrent Sessions
 Conservation Tours

PROGRAM TOPICS AND AREAS OF INTEREST

The theme for this year's conference is ***Rising Together: Collaborative Conservation for All***. In addition to the General Conference Theme tracks, the program committee has also selected three specialty training tracks:

- » Conservation on the Edge
- » Cultivating Conservation Technical Assistance, Community, and Networks
- » Healthy Forest Ecosystems: Research, Policy, and Applied Science of Ecological Conservation and Restoration across Landscapes and Watersheds

The following nine topic areas will be covered within the General Conference Theme training track:

- » Adaptive Management of Conservation Efforts
- » Climate-Smart Agriculture
- » Conservation Economics and Policy
- » Conservation Models, Tools, and Technologies
- » Conservation in Organic, Specialty, Small-Scale, or Urban Agriculture
- » Outreach, Education, and Community Engagement
- » Social Sciences Informing Conservation
- » Soil Health Resources, Indicators, Assessment, and Management
- » Water Resource Assessment and Management

SWCS PROUDLY RECOGNIZES OUR CONFERENCE SPONSORS

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EXHIBITORS

Association Of Retired Conservation Service Employees

WORKSHOPS

TECHNICAL AND LEADERSHIP WORKSHOPS

The professional development workshops held in conjunction with the SWCS International Annual Conference will be eligible for continuing education credits from various certifying organizations.

Workshop #1: Boosting Soil Health through Climate-Smart Vegetable Production in Southern Piedmont

Sunday, July 21
1:00 PM - 4:00 PM

Instructors: Biswanath Dari, North Carolina A&T State University; Kristie Wendelberger, Rodale Institute; Debjani Sihi, Emory University; Kim Burtz, Carolina Farm Stewardship Association; Rongzhong Ye, Clemson University; Patrick Brown, Nature for Justice; Cristine Morgan, Soil Health Institute; Suzanne Girdner, Georgia Organics; Brent Wills, Virginia Association for Biological Farming; Jennifer Thompson, University of Georgia

Rodale Institute and 12 partner organizations across the Southeast are collaborating with 500 Southern Piedmont vegetable farmers and 30 farmers markets through the Climate-Smart Commodities Program. The five-year project aims to gather information on how sustainable and climate-smart agriculture practices (cover crops and no/minimum tillage) improve carbon sequestration and soil health on southern farms and how these practices economically impact growers. We seek to identify barriers to transition to climate-smart practices and ways to market value-added produce to consumers. We provide guidance, technical assistance, and recommendations to the USDA on ways to support organic growers in implementing sustainable practices and furthering their economic success. Session presenters will discuss the project's specifics, how farmers can participate, and what project participants will gain from the \$25 million project designed to help southeastern farmers thrive economically and socially while mitigating the impacts of climate change. The USDA-NRCS funds this project through the Partnerships for Climate-Smart Commodities Program.

Tickets: \$75 early | \$100 late (after June 3) | \$125 onsite (after July 3)

Workshop #2: Designing Phosphorus Removal Structures

Sunday, July 21

1:00 PM – 4:00 PM

Instructor: Chad Penn, USDA ARS

Phosphorus (P) removal structures are now included in a National Standard for cost-sharing. While the theoretical operation of a P removal structure is simple, they are truly engineered structures that are custom-designed for each site, aiming to capture the majority of storm flow, unlike nitrogen bioreactors. This workshop assumes that the audience is already aware of what a P removal structure is and how it operates. The objectives are to (i) explain what information is necessary for conducting a proper design, (ii) demonstrate various calculations with inputs, (iii) explain and demonstrate the design process, (iv) demonstrate how to use the P-Trap software (Phosphorus Transport Reduction App), and (v) provide practical advice from the field. The workshop will mirror the training modules on P removal structures recently released by the USDA and ASA. Information and software are available at <https://www.ars.usda.gov/midwest-area/west-lafayette-in/national-soil-erosion-research/docs/phosphorus-removal-structures/>. For the workshop, the participants will need a computer or tablet for the P-Trap software.

Tickets: \$75 early | \$100 late (after June 3) | \$125 onsite (after July 3)

Workshop #3: Explore New Tools to Help Make More Informed Cover Crop Decisions

Sunday, July 21

1:00 PM – 4:00 PM

Instructors: Victoria Ackroyd, University of Maryland and Northeast Cover Crops Council; Anna Morrow, Purdue University and Midwest Cover Crops Council; Lindsey Ruhl, University of Vermont Extension; Brian Davis, North Carolina State University

Please join us for this train-the-trainer workshop focused on three tools developed by the regional cover crop councils, Precision Sustainable Agriculture network, and others to support site-specific cover crop selection and management: a cover crop species selector tool, a cover crop nitrogen release and biomass decomposition tool, and a cover crop economics calculator. Workshop participants will gain hands-on experience with the tools. Case studies will be provided with details for a fictional farm to input into the tools. Participants are also welcome to bring their own scenario(s) to test on the tools. Please bring a laptop computer to get the most out of this event.

Tickets: \$75 early | \$100 late (after June 3) | \$125 onsite (after July 3)

Workshop #4: WEPS WebStart Training

Sunday, July 21

1:00 PM - 4:00 PM

Instructors: Chris Coreil, USDA NRCS; Adam Reed, USDA NRCS; Travis Youngberg, USDA NRCS; Susan Tallman, USDA NRCS; Larry Wagner, USDA ARS

WEPS WebStart was released in 2023 and serves as the official NRCS wind erosion assessment tool. This new version brings online interface updates, updated crops, operations, and residues database, and many bug fixes. This SWCS Workshop will focus on training NRCS technical service providers, partners, and consultants in the use of WEPS WebStart. Participants are expected to have basic experience using WEPS software, as this training session will focus on 1) updated WebStart features, 2) common model input errors, and 3) challenging management systems. Those wishing to follow along are welcome to bring laptop computers. The example Run folder set will be available prior to the Workshop.

Tickets: \$75 early | \$100 late (after June 3) | \$125 onsite (after July 3)



TOURS



OUTDOOR CLASSROOM—EDUCATIONAL TRAINING TOURS

All tours will take place on Wednesday, July 24. Departure and return times are subject to change. Final details will be provided at www.swcs.org/24AC. The tours will give exposure to interesting and informative conservation work happening in the area. Be sure to register early to secure a seat. SWCS reserves the right to cancel a tour that does not have the minimum number of attendees and to change the maximum number of attendees.

Tour #1: Fire, Farming, and Flora of Coastal South Carolina

Wednesday, July 24
8:00 AM - 4:00 PM

This tour is hosted in conjunction with the Department of Natural Resources, Coastal Conservation League, Friends of Lewis Ocean Bay, and Freewoods Farm. Attendees will explore the historic landscapes of Horry County, featuring Carolina bays, longleaf pine savannas, and rare plants such as carnivorous pitcher plants. We will begin at Lewis Ocean Bay Heritage Preserve, which features 23 intact Carolina bays and isolated freshwater wetlands on the Eastern seaboard. These fire-dependent ecosystems present unique challenges for burn managers due to the peat-based soils and pocosin vegetation. In the afternoon, we will visit Freewoods Farm, a historical living farm museum highlighting the contributions of African-American farmers post-Civil War and early 20th century eras. Lunch will be provided.



Tickets: \$100 early | \$125 late (after June 3) | \$150 onsite (after July 3)

Tour #2: Women-Led Communities in Agriculture Tour

Wednesday, July 24
1:00 PM – 5:00 PM

Embark on an enlightening journey with our “Women-Led Communities in Agriculture” tour, celebrating female empowerment and innovation in the agricultural sector. Supported by Women in NRCS (WiN), this tour showcases two exemplary agricultural operations, each under the stewardship of visionary women who are not just sustaining their family legacies but also nurturing their communities through agriculture. First, we introduce you to a dynamic woman who has transformed a 2000-acre farm into a beacon of agritourism. As the mastermind behind an array of community-engaging initiatives, she invites you into her world where farm tours, vibrant festivals, and educational summer camps flourish. Here, children and adults alike immerse themselves in the hands-on learning of agricultural practices, connecting with the earth and understanding the importance of sustainable farming.

Our journey continues with a visit to a non-certified organic farm, where another pioneering woman integrates agriculture with wellness and education. Known for her innovative goat yoga sessions, she offers a unique blend of physical well-being and close-to-nature experiences. With a passionate commitment to early childhood development, she collaborates with the public school system and organizes community events, showcasing the role of agriculture in fostering educational growth and development from a young age. Throughout the tour, our hosts will share their inspiring stories, shedding light on how they navigated challenges and seized opportunities to make a difference. They will delve into the generational shifts in farming, celebrate their achievements, and discuss the vital role women play in advancing community-oriented agriculture.

Join the “Women-Led Communities in Agriculture” tour to witness firsthand the impact these remarkable women have on their localities, paving the way for future generations in agriculture. It’s more than a tour; it’s an opportunity to see, feel, and understand the transformative power of women in agriculture and their contributions to community resilience and sustainability.

Tickets: \$75 early | \$100 late (after June 3) | \$125 onsite (after July 3)

Tour #3: Myrtle Beach Walking Tour

Wednesday, July 24
1:00 PM – 5:00 PM

Welcome to Myrtle Beach, where sunshine meets the sea, and every step is a journey through history and nature. This will be an active walking tour featuring speakers who will discuss a few of the area’s conservation challenges, such as saltwater intrusion. As sea levels rise along the coasts, saltwater is being pushed up into freshwater. Saltwater intrusion can occur when storm surges, or high tides overtop areas low in elevation or when saltwater infiltrates freshwater aquifers and raises the groundwater table below the soil surface. More information regarding stops will be provided in future materials. Attendees should anticipate walking around 2 miles, although there will be rest stops along the way. A maximum of 30 people may join this tour, so register early!

Tickets: \$50 early | \$75 late (after June 3) | \$100 onsite (after July 3)

SYMPOSIA



SYMPOSIA TRAINING SESSIONS

Symposia training sessions provide more comprehensive and in-depth coverage of a specific topic. They are scheduled as 90-minute sessions and will take place on Monday, July 22; Tuesday, July 23; and Wednesday, July 24. Symposia are organized by an individual(s) and typically incorporate multiple presenters, panel discussions, or other formats as determined by the organizer. The tracks below are subject to change.

Adaptive Management of Conservation Efforts

- » Advancing Research on Nutrient and Sediment Legacy Sources and Strategies for Mitigation
- » Updates from DiverseCornBelt: Enhancing Rural Resilience through Landscape Diversity in the Midwest

Climate-Smart Agriculture

- » Improving Mitigation Outcome Estimates through the Inflation Reduction Act and USDA: Part 1 - Field Data Collection of Carbon and GHG and Data Management
- » Improving Mitigation Outcome Estimates through the Inflation Reduction Act and USDA: Part 2 - Advancing Activity and Program Data and Improving Models and Tools
- » Overcoming the Challenges of Regenerative Ag Systems in Water-Limited Environments
- » Truterra's Climate SMART Project: A Retailer-led Approach to Conservation Delivery
- » USDA Climate Hubs-Developing and Delivering Climate Smart Decisions

Conservation Economics and Policy

- » Crop Insurance Incentives for Cover Crops: Scaling Conservation from State to Federal
- » Opportunities to Address Environmental Justice Concerns in Conservation Principles
- » Policy Challenges and Opportunities for Sustainable Water Allocation and Use in Agriculture
- » The Clean Water State Revolving Fund: What is It and How to Access Its Affordable Financing Options for Water Quality Improvement Projects

Conservation Models, Tools, and Technologies

- » Overcoming Barriers to Solving Flooding Concerns While Fostering Collaboration for Positive Environmental Impact
- » Overview and Updates to Wind Erosion Prediction Tools: Session 1
- » Overview and Updates to Wind Erosion Prediction Tools: Session 2
- » Using Ag Retailers to Deliver Wholesale Conservation

Conservation on the Edge

- » Concept Design of Edge of Field Practices

Cultivating Conservation Technical Assistance, Community, and Networks

- » Adapting Together: Building Community in Virtual Landscapes
- » Collective Competence: How Concepts from the Medical Field Can Improve Collaboration and Organizational Outcomes
- » Fostering Inclusivity in the Quad Cities: A Two-Year Journey Towards an Inclusive Environmental Movement
- » How NRCS Can Assist with Issues in Your Watershed: We Can Do More than Build Dams!
- » So What? The Art of Science Communication

Healthy Forest Ecosystems: Research, Policy, and Applied Science of Ecological Conservation and Restoration across Landscapes and Watersheds

- » Impacts of Sea Level Rise in the Winyah Bay Tidal Forested Wetlands

Outreach, Education, and Community Engagement

- » Education for Impact: Optimizing Natural Resource Management through the Food-Energy-Water Nexus Framework
- » NRCS International Programs: Yesterday, Today, and Tomorrow
- » Rooted in Service: Growing Customer Experience Skills for Natural Resource Professionals

Soil Health Resources, Indicators, Assessment, and Management

- » Benchmarking Soil Health Across North America

Water Resource Assessment and Management

- » CEAP Wetlands: Remote Sensing and Modeling to Assess Wetland Functions in Agricultural Landscapes
- » CEAP Wetlands II: Assessing Ecosystem Services of Wetland Conservation in Agricultural Landscapes
- » Soil Moisture Monitoring for Megafarm Optimal Irrigation

ORAL PRESENTATIONS



ORAL PRESENTATION TRAINING SESSIONS

Oral presentations are opportunities to share the results of conservation research projects and/or lessons learned through professional experience with conservation projects, systems, programs, and technologies. Each presenter will be given 20 minutes: 15 minutes to make the presentation and 5 minutes for questions. Oral presentations are scheduled on Monday, July 22; Tuesday, July 23; and Wednesday, July 24. The tracks below are subject to change.

Adaptive Management of Conservation Efforts

- » A Framework to Quantify Realistic and Achievable Regenerative Agriculture Goals to Support Fishable, Swimmable, and Drinkable Water Resources
- » An Overview of Current Development of the Water Erosion Prediction Project (WEPP) Model
- » Evaluating the Effectiveness of an 'Integrated' Agroecosystem for Restoration of Targeted Watershed Management and Interventions in Southern Guam
- » Evaluating the Role of Grazing Strategies on Plant Production and Soil Health Across a Decade Timescale
- » Impact of Conservation Practices on Nitrogen Leaching in Artificially Drained Midwestern Mollisols
- » Land Cover Dynamics in Barbados: Implications for Soil Conservation
- » Overcoming Barriers to Farm Conservation Practice Adoption: Formalizing an Adaptive, Science-Based Approach in the Chesapeake Bay Watershed
- » Quantifying the Co-Benefits of Combined Regenerative Agriculture Practices with Poultry Manure Management in a Corn-Soybean System
- » Roadmap to Water Resilience: Cascading Effects of Improved Water Management
- » Soil Loss and Nutrient Mobilization in Runoff and Infiltrate as Affected by Manure Type and Their Rate of Application
- » The Value of Citizen Scientists
- » Yield Stability Assessment in Long-Term Dryland Wheat Production

Climate-Smart Agriculture

- » Climate-Smart Agriculture: Economics of Intensified Versus Diversified Crop Rotation Systems
- » Cover Crops and Deep-Soil Carbon Accumulation: What Does Research Show After 10 Years?
- » Evaluating the Impact of Cover Cropping on Water Dynamics in a Young Pistachio Orchard: A Soil-Water Budget Approach
- » Kentucky Center-Pivot Irrigation a Decade After the 2012 Drought
- » Outcomes of Agriculture Climate Change Mitigation Efforts: A Case of Power Relations in Shaping Accessibility to California Department of Food and Agriculture Climate-Smart Agriculture Programs

- » Planting Green in Western New York: Enhancing Soil Health and Climate Benefits, But Is It Cost Effective?
- » Predicting Greenhouse Gas Emissions in Semi-Arid Cover Cropping Systems Using Machine Learning Approaches
- » Probabilistic Estimates of Drought-Related Yield Losses in the Southeastern US
- » Regenerative Agriculture for Improving Productivity, Profitability, and Environmental Security in South Asia
- » Sustaining Soybean and Corn Production in Tennessee and Georgia Through Integrated Soil Health Management Systems
- » Top 10 Things You Wanted to Know About Ag Carbon Markets
- » Water Regime and Slow-Release Fertilizer Effects on Greenhouse Gas Emissions from Rice in Greenhouse and Field Settings

Conservation Economics and Policy

- » Advancing the Business Case for Soil Health: Insights from On-Farm Assessment at a National Scale
- » Agronomic and Economic Implications of Cover Crop and Phosphorus Fertilizer BMPs for Water Quality Improvement
- » Evaluating the Heterogeneity of Cover Crop Effects on Yield, Soil Carbon, and Nitrogen Retention: A Comprehensive Meta-Analysis
- » How Will Soil Health Practices Impact Your Bottom Line: AFT's Predictive Soil Health Economic Calculator
- » Lessons Learned from Four Years of Project Implementation in Ecosystem Services Markets
- » Natural Capital Accounting: Valuing Soils
- » The Economic Benefits of Integrating Land and Water Protection
- » The Intensity of Cropland Use: A Study of Coastal North Carolina

Conservation Models, Tools, and Technologies

- » Analyzing the Economic Costs and Benefits of Adopting a Conservation Crop Rotation Alongside Other Conservation Practices Using the Retrospective-Soil Health Economic Calculator (R-SHEC) Tool by American Farmland Trust
- » Anchors of Coastal Municipal Resilience to a Changing Climate
- » Application of a DRAINMOD-Based Decision-Support Tool for Saturated Buffers
- » Assessment of Single and Stacked Conservation Practices on Edge-of-Field Nutrient Losses at a Field in Northcentral Ohio Using DRAINMOD-P
- » BMP Cost Effectiveness: The Value of Economic Analysis of Selected Watershed Models
- » Cattle, Conservation, and Community
- » Combining Multiple Soil Survey Data Sources to Support Conservation in the United States
- » CRP Menu: A Spatially-Explicit Decision Support Tool to Enhance Landowner Engagement in CRP Incentives Programs
- » Determining the Spatial and Temporal Distribution of Runoff for Ephemeral Gully Erosion Prediction in Croplands
- » Drought Resilience Calculator: Assessing Soil Health's Impact on Plant Water Availability
- » Dynamic Soil Properties: The Future of Data-Driven Conservation Planning Tools
- » Evaluating A Modern-Day Geospatial Nilometer: Leveraging Flood Models and Satellite Imagery to Estimate Potential Flood Risk in Vermont's Agricultural Fields

- » Helping Farmers Recharge Groundwater: Findings from the NRCS On-Farm Recharge Pilot Program
- » How Much Tillage Is Too Much? Soil Health Response of Strategic Tillage Management in Semi-Arid Drylands
- » Incentivizing Phosphorus Reduction in the Kalamazoo River Watershed via Novel Reverse Auction Program
- » Integrated Modelling for Watershed Evaluation of Beneficial Management Practices
- » Intelligent Drone-Based GPR Soil Sub-Surface Moisture Assessment: Measurement Campaign and Data Analysis
- » Machine Learning for Channel Head Identification: A Landscape Analysis Model with Implications for Erosion Management
- » Modeling Soil Moisture Content of Mixed Perennial Bioenergy Grasses in Western Nebraska Using Machine Learning
- » Plug and Chug Outcomes Calculator to Estimate Water Quality and Climate Benefits
- » Quantifying the Impacts of Water Storage Practice Opportunities in the Minnesota River Basin
- » Use of the 9-Step Planning Process for Conservation Planning
- » Using a Field Scale SWAT+ Model to Investigate the Physical and Social Drivers of the Disproportionality of Nutrient Loading in a Wisconsin Watershed
- » Validation of *Arachis pintoii* as a Conservation Cover to Improve Soil Health on Coffee Plantations in the Mountainous Region of Puerto Rico

Conservation on the Edge

- » Championing Conservation: The Intersection of Outdoor Heritage, Economic Impact, and Legislative Advocacy for Soil and Water Conservation
- » Compost Socks, Blankets, and Filters for Erosion Control and Soil Moisture Retention
- » Engineering Lessons Learned for Edge-of-Field Blitz Projects
- » Finding Alternative Nutrient Reduction Wetland Sites to Reduce Permitting Hurdles
- » In Situ Soil Infiltration Capacity Influenced by No-Till, Crop Rotation, and Cover Crops in Beresford, South Dakota
- » Investigation of Nutrient and Sediment Effluent Reduction Associated with Cover Crop-Reduced Tillage Best Management Practices
- » Microbial Communities as a Pathway to Improved Woodchip and Corncob Bioreactor Design and Performance
- » Operationalizing the Edge-of-Field Roadmap: A Novel Approach to Motivating Marginal Lands Restoration for Carbon, Water Quality, and Biodiversity Benefits
- » Phosphorus and Nitrate Removal by a Wood-Chip Bioreactor Stacked with a Phosphorus Removal Structure at the Field Scale
- » Redesign Grass and Tree Planting in Swampy Forest System for Acid Mine Drainage of Coal Post-Mining
- » Tile-Treatment Wetlands: A Confluence of Farming, Natural, and Recreational Landscapes

Cultivating Conservation Technical Assistance, Community, and Network

- » Bring Your Conservation Technical Skills to Federal Service
- » Building Bridges: Networking and Community Engagement
- » Centering Equity: Roundtable Conversations Shaping an Inclusive Guidebook for Conservation Among Historically Underserved Producers
- » Conservation Outcomes of an Outreach Skills Training Program
- » Construction Stormwater Activities: Making a Difference in America's Amazon
- » Creative Conservation: Advancing Through Innovation, Collaboration, and Stewardship
- » Developing a Webinar Series to Help Project Managers Add Outcomes Estimation to Their Conservation Toolbox
- » Elevating Engagement: Empowering Soil Health Knowledge Transfer Through Outreach and Training
- » Fostering Collaboration and Documenting Impact with Field to Market: The Alliance for Sustainable Agriculture
- » Illinois Farmers "Find" Conservation Funding with the Financial Incentives Database (FIND) Tool
- » Improving Soil Ecosystem Services Through Multidisciplinary Framework That Provides Methods for Native Tree Planting and Grass Bioswales with Fungi Amendments to Increase Sustainability and Phytoremediation
- » In Support of Trusted Farm Advisors: Sharing A Decade of Lessons Learned
- » ISAP's Introduction to Soil Health Practices Guidebook: How Featuring Farmers' Experiences Can Elevate Agronomic and Educational Resources
- » Leveraging Partnerships to Drive Conservation Adoption
- » Long-Term Impacts of Tillage Management on Soil Physical Health in Three Geographic Regions in North Carolina
- » Pioneering Conservation Partnerships with Creative Funding Solutions
- » Revamping the ISAP Advanced Soil Health Training's Engagement Strategy to Reach More Conservation Professionals
- » Scaling Local Cover Crop Experience to Midwest Success
- » Soil Security: The Missing Piece in the Global Quest for Sustainability and Resilience
- » The Flow of Development
- » The National Great Rivers Research and Education Center's Wetland Collaborative Advancing Wetland Research and Conservation
- » The STAR Conservation Program in Washington: A Case Study in Using Stakeholder Engagement to Identify and Adapt New State Tools
- » Using Science to Engage Growers: A Case Study from the Washington State of the Soils Assessment
- » Utilizing ACPF Tools to Complement and Catalyze Watershed Conservation Efforts: Learning from Local Examples

Healthy Forest Ecosystems: Research, Policy, and Applied Science of Ecological Conservation and Restoration across Landscapes and Watersheds

- » Assessing Hydrologically Sensitive Areas as a Novel Indicator of Flood Risks Using a Hedonic Pricing Method
- » Developing Landscape Resilience Indices to Mitigate Floods and Flood Impacts in New Jersey
- » Impact of Economic, Soil and Environmental Factors on Cover Crop Adoption: A Survey Approach
- » Northeast-Mid-Atlantic Partnership for Forests and Water

Outreach, Education, and Community Engagement

- » Barriers to Equity in Delivering Conservation
- » Conservation Districts: Boosting Community Engagement
- » Educational Interventions Reduce Residential Outdoor Water Use in College Station, Texas
- » Extension Training for Undergraduates: Lessons Learned After Three Years of a Regional Cohort
- » Interactive Communication: Bridging Science and Society for Sustainable Natural Resource Management
- » K-State's New and Improved Livestock Watering Handbook and Web Presence
- » Lewis Ocean Bay Heritage Preserve Myrtle Beach, South Carolina: Attributes and Management Challenges
- » Planting Hope Along Kentucky's Waterways and Wetlands: One County's Approach to Conservation Education
- » Spreading the Word About Kentucky's Agriculture Water Quality Program
- » The Cedar River Source Water Partnership: Conservation Technical Assistance Delivery Through a USDA-RCPP Public-Private Collaboration
- » The Snowball of Leveraging Conservation Research for Virtual Education
- » Volunteering for Water Quality: Community Rain Gardens in Action

Social Sciences Informing Conservation

- » Agricultural Financial Instruments' Roles in Land Practices and Soil and Water Conservation in the Upper Midwest
- » Barriers to Adoption of Cover Crops in California Almond Orchards
- » Farmers' Perception about the Sustainability of Agriculture in Chesapeake Bay Watershed's Urbanized Landscapes
- » Landowner Perceptions and Preferences for Adaptive Right-of-Way Management
- » Motivating Collective Action to Solve Collective Water Quality Problems
- » Participatory Approaches to Conservation Policy Development
- » Scaling Up Edge-of-Field Conservation Practice Adoption in the Upper Mississippi River Basin: Learning from Success Stories to Improve Our Approach
- » Social Science Meets Soil Health: An Education and Outreach Approach for Landowners
- » The Effects of Collective Trauma on Farmer Conservation Behavior
- » "The Hoops and Hassles You Have to Go Through": A Qualitative Analysis of Farmers' Experiences with Incentive Programs Supporting Cover Crop Adoption
- » Understanding Nutrient Management Decisions: Comparing the Agricultural Community in Indiana from 2014 to 2023
- » Understanding the Persistence Use of Cover Crops by Agricultural Producers: Evidence from Indiana and Maryland

Soil Health Resources, Indicators, Assessment, and Management

- » Bringing Soil Health Assessment to Farmers in Ontario's Golden Horseshoe
- » Can Low Lime Rates Be Successful in Mitigating Soil Acidity in the Northern Great Plains?
- » Contribution of Mixed Cover Crops to Carbon Neutral Agriculture and Livestock Forage Gaps
- » Establishing Alfalfa and Sainfoin Through Intercropping with Sunflower
- » Evaluation of Biochar as a Soil Amendment in Eastern Arkansas Agricultural Production
- » Exploring Linkages Between Soil Health and Human Health: A New Report by the National Academies of Sciences, Engineering, and Medicine

- » Impact of Conservation Tillage Strategies on Soil Health in Organic Grain Cropping Systems
- » Influence of Cover Crops on Nutrient and pH Stratification in a Long-Term No-Till Wheat-Corn-Soybean Rotation
- » Long-Term Soil Erosion Effects on Soil Hydraulic Properties with Sanborn Field
- » Microbial Activity in Mined Lands Treated with Amendments and Biofuel Crops
- » Money for Metal: Advancing Soil Health with Grants for Machinery
- » Multi-State, Multi-Seeding Rate Evaluations of Multispecies Cover Crop Mixes and Their Effect on Cover Crop Performance and Soil Health Indicators
- » On-Farm Soil Health Assessments in Central Kansas
- » Soil Health Legacy Effects of Alternative Approaches to Integrating Crop and Livestock Production
- » Soil Health Responses to Cropland Management in Ohio
- » Variation of Organic and Inorganic Carbon Stocks with Depth and Slope under Three Land Management Systems in North-Central South Dakota

Water Resource Assessment and Management

- » A Review of the Sandusky Bay Initiative
- » Advancing Nutrient Reductions through the Gulf Hypoxia Task Force
- » Agricultural Success Stories in the CWA 319 Program
- » Biological Sensitivity to Common Environmental Pollutants: A Deep Dive into a Watershed's Ecological Condition
- » Community Stewardship in Action: Restoring Lake Washington
- » Companion Canine Nutrient Contributions to Peri-Urban Environments
- » Coordinated Collaborative Partnerships in Western Water
- » Extracting Drainage Ditch Networks in Agricultural Landscapes Using Lidar and Deep Learning
- » Fragile Areas of Farm Fields, How to Identify and Regenerate Economically
- » From Forgotten to Critical Resource: Planning for the Future with Wetlands
- » Fuzzy Multi-Objective Optimization for Sustainable Agricultural Water Management of Irrigation Networks
- » Integrating Conservation Practices for Improved Water Quality: A Case Study on Martin County Ditch No. 28 Drainage System Improvement
- » Lessons, Challenges, and Barriers: Advancing the National Nonpoint Source CWA 319 Program to Address Advancing Equity, Climate Change
- » Onion Response to Seeding and Irrigation Depths and Wheat Straw Mulching
- » Performance of Ohio Drainage Systems under a Hypothetical Future Climate Scenario
- » Precision Subirrigation and Controlled Drainage to Increase Water Productivity, Nutrient Use Efficiency, and Potato Yield in Sandy Soils
- » Scalability of a Public-Private Partnership to Target Phosphorus Load Reductions from Legacy-Phosphorus Fields
- » Soil Organic Carbon Variability and Ecosystem Services in Wetland and Riparian Ecosystems of Highly Agricultural Landscapes
- » Surface Mine Restoration and the Prevailing Total Dissolved Solids Problem in the Central Appalachian Region
- » USFS-NRCS Soil Water Partnership: A Joint Federal Effort to Assess and Monitor the Soil Hydroclimate in Forested Watersheds Across the United States

POSTER PRESENTATIONS



POSTER PRESENTATIONS

Poster presentations report the results of research or lessons learned on a specific theme-related topic. Posters will be on display throughout the conference in the Exhibit Hall, and presenters will be available during exhibit hours. Poster tracks are subject to change.

Adaptive Management of Conservation Efforts

- » Cover Crops for Use as Forage: What Do We Know About Tradeoffs with Ecosystem Services?
- » Design and Assessment of a Sustainable Project Management Framework (SPMF)
- » Pollinator Habitat Establishment on Salt-Influenced Cropland

CEAP Showcase

- » Assessment of Partial Conservation Practice Removal on Water Quality in a CEAP Watershed, Beasley Lake, Mississippi
- » Assessment of Sugarcane and Flooded Rice Crop Rotation Effects on Soil and Water Quality in the Everglades Agricultural Area, Florida
- » CEAP Special Project: Assessing Conservation Practice Impacts on Reducing Soil Loss from Ephemeral Gullies within CEAP Watersheds
- » Changes in MESA and MOXA Atropisomer Abundance Pairs as a Function of Slope and Hydric Soils in 15 Subwatersheds of the Upper Choptank River, Maryland
- » Concentration-Discharge Dynamics Across Temporal Scales in a Drained Agricultural Watershed
- » Eddy Covariance and Satellite Evapotranspiration Assessment for Irrigated Citrus in the Kaweah Basin, California
- » Evaluating Seasonal R-Factor Values Based on Modern Rainfall Data to Account for Seasonal Land Cover Conditions
- » Fertilizer Placement Affects Subsurface Phosphorus Loss
- » The Upper Washita Basin: Highlights of Recent and Current Activities and Outcomes
- » How Does Conservation Implementation Affect the Relationship Between Caloric/Protein Production as a Function of Nitrogen and Phosphorus Runoff Losses?
- » Incorporating Long-Term Edge-of-Field Monitoring Sites into Colorado's New CEAP Project
- » Influence of Agricultural Managed Aquifer Recharge (Ag-MAR) and Organic Amendments on Soil Nitrogen Balance
- » Integrated Hydrologic Model Calibration with Groundwater Age Tracer Data
- » Irrigation Pond Water Storage and Nutrient Variability Using Field and Remotely Sensed Data
- » Modeling Nitrate Removal from Subsurface Drainage by Saturated Buffers
- » Nutrient, Instream Habitat, and Fish Responses to Planting Grass Filter Strips Adjacent to Agricultural Headwater Streams

- » Scaling-Up: Does the Overapplication of Fertilizer to a Single Field Affect Watershed Water Quality?
- » Soil Health Responses to Cropland Management
- » STEWARDS: Watershed Data System History and Future
- » The Many Benefits of Buffers on Cropland Soils with High Runoff Potential
- » Two-Stage Ditch Nitrogen (N) and Phosphorus (P) Retention During Five Flow Regimes
- » Water Quality Measurements Across Various Flow Paths in a Restored CEAP Wetland
- » What Does Microbial Enzymatic Activity Tell Us About Organic Soil Conservation Associated with Cover Cropping within the Everglades Agricultural Area of South Florida?
- » Land Use Specific Tracer Illuminates Agricultural Nitrate-N Fate in the CEAP Choptank River Watershed

CIG Showcase

- » Agricultural Informatics for Sustainable Soil, Crop and Landscape Management
- » Biocarbon-Driven Dairy Manure Management Demonstration for Enhanced Water Quality
- » Climate-Smart Practices for Drought & Structural Resilience in Almond Systems
- » Climate-Smart Productive Alley Cropping System (PACS) for Income Diversification and Farm Resiliency
- » Colorado Soil Health Program: Supporting Producers Improve Soil Health
- » Covering Ground: Investigation of Cover Crops for Soil Health in the Great Lakes Region
- » Exploring Relay Intercropping in Iowa: Early Findings from Farmer Engagement
- » High Clearance Robotic Irrigation for In-Season Nutrient Management
- » Innovative Technologies to Reduce Beef Industry GHG Emissions
- » Investigate the Impacts of Organic Amendments on Soil Microbial Communities
- » Landowner Collaborative Strategies for Nonlethal Predator Control
- » Leveraging Soil Health Data for Improved Cotton Yield Prediction to Nitrogen Fertilization
- » Mitigating Enteric Methane Emissions in Dairy Cows via Feed Management Practices: Dairy Farm Advisors' Perspective
- » Modernizing Fertilizer Recommendations: The Fertilizer Recommendation Support Tool (FRST) Project
- » No-Till Organic Market Gardening: Restoring Soil Health and Rebuilding Local Food Systems
- » Perceptions of Adoption and Environmental Benefits of Silvopasture Systems by Forage-Livestock Producers in the Southeastern United States
- » Progress and Status of the Data-Intensive Farm Management Project
- » Soil Health Management Systems on Orchards in the Central Valley
- » Solar Corridor Cropping System: An Emerging Climate-Smart Agricultural Practice
- » Using 3-D Imaging to Map Cover Crop Biomass Predictions in Cereal Rye (*Secale cereale* L.)
- » Vermicompost Application to Improve Soil Health and Mitigate Climate Change
- » Virtual Fencing to Control Cattle for Improved Ecosystem Services
- » Water Quality Assessment Under Wireless Soil Moisture Sensor-Based Irrigation Scheduling System in South Carolina

Climate-Smart Agriculture

- » A County-Specific Tool for Evaluating the Impact of Irrigation on Soil Water, Crop Water Use, and Crop Water Stress in South Carolina
- » Assessing Corn Response to Cover Crops and Nitrogen Fertilization in a No-Till, Three-Year Rotation in Northeast Kansas
- » Assessing the Impact of Trees in a Temperate Agroforestry System on Soil Organic Carbon Accumulation
- » Automating the Application of Water and Nitrogen for Cotton Production Using a Center Pivot
- » Carbon Dioxide Emission from Regenerative Cotton Cropping Systems in the Texas Plains
- » Conservation and Conventional Production Systems in Midsouth Cotton: A Six-Year Study Comparing Irrigated and Rainfed Management on Production, Runoff Water Quality, and Greenhouse Gas Emissions
- » Covering Ground: Enhancing Soil Health through Interseeding in Late-Season Vegetables
- » Effects of Perennial Cover Cropping on Soil Moisture and Temperature in Almond Orchards
- » Impact of Climate Change on Climate-Smart Agriculture: Soil Carbon and GHG Mitigation Potentials
- » Improving Almond Orchard Resilience to Climate Change with Deep Root Irrigation
- » Incentivizing Climate Smart Practices in South Carolina
- » Network Strategies and Studies to Advance Science for Climate-Smart Agriculture in the LTAR Network
- » Soil Hydrological Responses to Stacked, Regenerative Management in California Vineyards
- » Soil Water Conservation in Semi-Arid Regenerative Agricultural Cotton Systems

Conservation Economics and Policy

- » Ranch Economics of Lesser Prairie Chicken Conservation

Conservation in Organic, Specialty, Small-Scale, or Urban Agriculture

- » Transitioning to Organic Farming: Enhancing Soil Health and Weed Control through the Implementation of Living Mulch and Grazing Methods

Conservation Models, Tools, and Technologies

- » A Data-Driven Irrigation Decision Support System for Irrigation Scheduling of Cotton
- » A Novel Framework for Farm Irrigation Optimization via GPR-Based Intelligent Multi-Layered Subsurface Soil Moisture Assessment
- » Drone-Based GPR Hardware Implementation and Data Acquisition
- » Forecasting Daily Reference Evapotranspiration and Rainfall for Water Resources Conservation and Sustainable Agriculture
- » Measuring Farming Sustainability in the Fieldprint Platform

Cultivating Conservation Technical Assistance, Community, and Networks

- » Crop Farmers Information and Knowledge Sharing Networks: Evidence from Ohio and Michigan
- » Cultivating Continued Conservation Through Networking
- » Leveraging Local Library Partnerships to Increase Bird Conservation Literacy and STEM Competencies in Youth
- » New Mexico Restoration and Soil Health Initiatives
- » Saving Tomorrow's Agriculture Resources (STAR): Illuminating the Path to Farmer-Led Conservation
- » Watershed Management Outreach and Research: A Student's Perspective in Illinois
- » Watershed Management Outreach and Research: A Student's Perspective in Iowa
- » Watershed Management Outreach and Research: A Student's Perspective in Nebraska
- » Watershed Management Outreach and Research: A Student's Perspective in North Dakota
- » Watershed Management Outreach and Research: A Student's Perspective in South Dakota
- » Watershed Management Outreach and Research: A Student's Perspective in Wisconsin

Healthy Forest Ecosystems: Research, Policy, and Applied Science of Ecological Conservation and Restoration across Landscapes and Watersheds

- » Exemplary Forestry Investment Fund (EFIF)
- » Tracking the Flow of Nutrients in Forest Ecosystems Using Plant Root Simulator (PRS) Probes

Outreach, Education, and Community Engagement

- » Accelerating the Implementation of Agricultural and Forestry BMPs through the Regional Conservation Partnership Program
- » Equipping Tomorrow's Conservation Workforce: Our Year in the SWCS Emerging Leaders Program
- » The Right Message, The Right Messenger: The Importance of Farmer Networks in Increasing Conservation Adoption

Social Sciences Informing Conservation

- » Analyzing Perspectives on the Motivations and the Knowledge Gaps Impacting CRP Participation in the Midwest and Southern United States

Soil Health Resources, Indicators, Assessment, and Management

- » Comparative Effects of Diverse Cover Crops on Corn Yield and Soil Health in Midwestern Agroecosystems
- » Cover Crop and Tillage Interactions for Better Soil Health in the Coastal Plain, North Carolina
- » Defining Soybean Yield Reduction on Soils with Increasing Saltwater Intrusion Issues in the Coastal Plain, North Carolina
- » Influence of Fertility and Tillage on Soil Carbon Indicators after 50 Years
- » Measurement of Biological Nitrification Inhibition (BNI) Activity in Maize Varietals via *Nitrosomonas europaea*
- » Phosphorus Dynamics in a Palustrine Wetland Chronosequence in the Northern Mississippi Embayment
- » Poultry Litter for Soil Carbon Storage and Distribution
- » Predicting Soil Protein Using Dynamic Soil Properties for Soil Health Data
- » Prioritizing Soil Health Metrics for Predicting Edge-of-Field Water Quality Outcomes in the Great Lakes Basin
- » Simultaneous Determination of β -Glucosidase, β -Glucosidase Glucosaminidase, Acid Phosphatase, and Arylsulfatase in Double Cropping Wheat Agroecosystems Across Texas
- » Soil Health Impact of Different Methods of Establishment of Organic Native Warm Season Grasses
- » The Effects of Manure Applications on Crop Growth and Soil Greenhouse Gas Emissions in The Texas High Plains
- » To Improve Soil Health, Sorghum Is Cultivated Alongside Alfalfa or Sainfoin in an Intercropping System
- » Transition to Sufficiency Phosphorus Management and the Effect of Cover Crop Presence on Dynamic Soil Health Indicators in a No-Till Corn and Soybean Rotation

Water Resource Assessment and Management

- » Appraisal of AquaCrop Model for Barley Crop Production under Semi-arid Conditions of Haryana, India
- » Evapotranspiration of Rain-fed Mixed Perennial Grass Production Systems in Western Nebraska
- » Flood Detection by Using Polarimetric Synthetic Aperture Radar (PolSAR) Decompositions and the Deep Residual U-Net Approach to Enhance Food Security
- » Investigating the Effect of Invasive Plants-Derived Biochar on Heavy Metal Adsorption
- » Monitoring Field Scale Soil Moisture with sUAS Mounted L-band Radiometer
- » The Arkansas Discovery Farm Program: Documenting the Impact of Poultry Litter on Water Quality and Soil Health in Rice Production
- » Western Lake Erie Basin - Manure Nutrient Recovery

ADDITIONAL EVENTS



EVENTS, MEETINGS, AND LUNCHEONS

SUNDAY, JULY 21

New Member and First Timer Orientation

12:00 PM - 12:30 PM

New members and conference first timers will have the opportunity to network with one another and discuss the conference and membership with SWCS leadership. The session will highlight professional development opportunities throughout the conference, provide tips for engaging in professional networking, outline the benefits of an SWCS membership, and more. Attendees are encouraged to use this time to ask questions about the conference and the Society. Attendance is also encouraged for students and early career professionals.

Student and Early Career Professional Networking

4:00 PM - 5:00 PM

This is a networking opportunity for students and professionals early in their careers to meet and connect with professionals in the field. There will be an opportunity to learn about the available internships, jobs, and graduate school opportunities. Attendance is encouraged for professionals wishing to connect with students. We hope you are able to join us! The early career mixer is graciously sponsored by ISG.



ISG

Local Forum and Flavor Reception

5:00 PM - 6:30 PM

This year's conference reception will include a selection of themed appetizers highlighting the local flavor of South Carolina, along with a cash bar. Spend time networking with colleagues and hear from local presenters. Watch www.swcs.org/24AC for updates. A ticket for this event is included with full conference registration. Additional tickets may be purchased online in advance for guests or at the registration table if available.

Tickets: \$50 early | \$75 late (after June 3) | \$100 onsite (after July 3)

MONDAY, JULY 22

Conference Kickoff, Keynote Sponsor, and Pritchard Keynote Lecture 8:30 AM – 10:00 AM

The conference kickoff will be opened by SWCS CEO Clare Lindahl. This year's keynote sponsor will address the audience, followed by the Pritchard Keynote Lecture. Watch www.swcs.org/24AC for updates.

Conservation Innovation Grants (CIG) Showcase 10:30 AM – 5:00 PM

The USDA Natural Resources Conservation Service (NRCS), in conjunction with SWCS, will host the CIG Showcase at the SWCS Annual Conference. Since 2004, CIG has supported the development of innovative natural resource conservation approaches and technologies on working lands. This year's showcase includes an overview of the CIG program and three themed panels. The first panel is an introduction and highlights the variability of the CIG program, the second panel explores water quality and nutrient management, and the last panel covers soil health and cover crops.

This showcase runs from 10:30 AM to 5:00 PM on Monday, July 22. Following the showcase, CIG project posters will be included in the poster presentation session held in the poster display area of the exhibit hall from 5:00 PM to 7:00 PM.

State of the Society Address to the House of Delegates and Regional Sessions (SWCS Members Luncheon) 12:00 PM - 1:15 PM

This opportunity to connect face-to-face with your professional society's staff, board, and leadership only comes once a year, so don't miss out. Over lunch, attendees will receive a briefing on the Society's happenings, which impact the future of the conservation organization, profession, and movement. Following lunch, exchange ideas and strengthen your chapter during regional breakout discussions facilitated by SWCS leadership. A ticket for this event is included with full conference and Monday-only SWCS member registrations. Additional tickets may be purchased online in advance for nonmembers or guests or at the registration table if available.

Tickets: \$75 early | \$100 late (after June 3) | \$125 onsite (after July 3)

SWCS Silent Auction

The Hugh Hammond Bennett (HHB) Chapter of North Carolina is excited to host the 2024 SWCS Silent Auction! This auction will run—live and in-person—at the conference on Sunday, July 21 and Monday, July 22. Items on the auction will include handmade crafts, local treasures, SWCS gear, and more! Proceeds from the silent auction will help support HHB Chapter events and projects, including their scholarship program, chapter professional development opportunities, and support of the Envirothon. In addition, the HHB Chapter is embarking on a project to enhance and upgrade the visiting experience of the historic Hugh Hammond Bennett Homesite. Your participation in the silent auction will be much appreciated as we RISE TOGETHER and fundraise for our future! Contact dawnwill09@gmail.com for details on donating to this year's silent auction.

Association of Retired Conservation Service Employees (ARCSE) Annual Meeting 1:30 PM - 5:00 PM

ARCSE Annual Business Meeting 1:30 PM - 2:45 PM

The ARCSE annual business meeting is open to association members and others interested in learning more about the association's business. Leadership from NRCS, SWCS, ARCSE, and other organizations speak to topics involving conservation policy and program direction, cross-generation engagement, and other priority ARCSE interests.

Historical Review of Conservation in the Piedmont and Coastal Regions of the Carolinas 3:00 PM - 4:00 PM

This segment, for ARCSE members and interested SWCS conference attendees, kicks off with the presentation of awards for community service and exceptional contribution to the association. The program then features a historical review of conservation in the Piedmont and Coastal regions of the Carolinas from the perspective of long-time conservation employees in the area from its early beginnings to today.

The Basics of Mentoring 4:00 PM - 5:00 PM

This segment, open to all SWCS conference attendees, covers basic mentoring approaches and techniques for those interested in becoming an ARCSE member or wanting a refresher. The recent NRCS/ARCSE Memorandum of Understanding emphasizes tapping into the reservoir of experience and knowledge of retired conservationists. Many mentors with this experience are needed for new hires coming on board to provide technical assistance and program support to climate-smart initiatives and the new farm bill.

Those participating in any of these ARCSE sessions but not registered for the SWCS conference have the option of purchasing a ticket to the Exhibit and Poster Reception immediately following for further networking with fellow conservationists.

Exhibitor and Poster Reception 5:00 PM - 7:00 PM

This reception offers a prime opportunity to visit with exhibitors showcasing their newest technology, programs, products, and services. Attendees will have the opportunity to view posters and hear from the authors. This is also a great time to connect with potential business associates and reconnect with colleagues. A selection of appetizers will be served, along with a cash bar. A ticket for this event is included with full conference registration. Additional tickets may be purchased online in advance for guests or at the registration table if available.

Tickets: \$50 early | \$75 late (after June 3) | \$100 onsite (after July 3)

TUESDAY, JULY 23

Opening Remarks and Plenary Session

8:30 AM – 10:00 AM

SWCS Board Chair Rebecca Power will open the Tuesday general session, followed by presentations from conservation speakers. Watch www.swcs.org/24AC for updates.

CEAP Showcase

10:30 AM – 5:00 PM

The Conservation Effects Assessment Project-Watershed Assessment Studies (CEAP-WAS) was initiated in 2003 to quantify the measurable environmental effects of conservation practices and develop the science base for managing agricultural landscapes for environmental quality. CEAP has grown to include 25 active projects, including watershed studies assessing conservation practices and implementation, and several special projects that include legacy nutrients, ephemeral gully erosion, and the development and assessment of conservation tools and models. Please join USDA's Natural Resources Conservation Service (NRCS) and Agricultural Research Service (ARS) and university CEAP scientists to celebrate 20+ years of CEAP and learn and discuss the many CEAP-WAS assessments conducted across the United States. This year's meeting will take place as a CEAP Showcase within the SWCS Annual Conference on Tuesday, July 23, featuring three oral sessions and a poster session on Monday, July 22, and Tuesday, July 23, with presentations ranging in topics from conservation outcomes to phosphorus sources and transport, and development and application of tools and modeling for assessing conservation practices. Please join us in celebrating 20+ years of CEAP!

Continuing Education Units/Credits (CEUs)

Attendees who wish to receive CEUs should designate the certification program for which they are seeking CEUs when registering for the conference. SWCS will arrange for Certified Crop Advisor (CCA) credits in the soil and water area. By attending the full conference and workshops, attendees have the ability to earn up to 19.5 CEUs. Additionally, SWCS will work with attendees to arrange credits for certified, licensed, or professional engineers (PE); agronomists (CPAg); soil scientists and classifiers (CPSS and CPSC); crop consultants (CPCC); foresters; range managers (CPRM); grassland professionals (CGP); professionals in erosion and sediment control (CPESC) and storm water quality (CPSWQ); and others as requested.

Awards Luncheon **12:00 PM – 1:15 PM**

Winners of this year's SWCS awards will be honored during this luncheon. A ticket for this event is included with full conference registration and Tuesday-only registration. Additional tickets may be purchased online in advance for guests or at the registration table if available.

Tickets: \$75 early | \$100 late (after June 3) | \$125 onsite (after July 3)

Women in NRCS (WiN) Annual Meeting **5:00 PM – 6:30 PM**

The National Organization of Professional Women in NRCS (WiN) will be hosting their Annual Business Meeting to discuss their 2024 accomplishments, celebrate their members, and plan for the fall elections and the upcoming year. Everyone is welcome to attend and learn more about the organization and the opportunities available to WiN members. Membership is open to anyone who supports the mission of providing women with training, opportunities, and mentoring to develop into their full potential. Membership is not limited to women or NRCS employees.



RISING TOGETHER

COLLABORATIVE CONSERVATION FOR ALL

79TH SWCS INTERNATIONAL ANNUAL CONFERENCE
MYRTLE BEACH, SOUTH CAROLINA | JULY 21-24, 2024

REGISTRATION AND ACCOMMODATION DETAILS



REGISTRATION INFORMATION

To complete registration online, please visit www.swcs.org/24AC. The early registration cutoff is June 3, 2024, and the online registration cutoff is July 3, 2024.

The conference registration fee covers one attendee. If guests wish to attend educational sessions, a conference attendance option must be purchased. Please use the appropriate area on the registration form to purchase additional tickets for guests to attend the Local Forum and Flavor Reception, Exhibitor and Poster Reception, Awards Luncheon, or other special events.

Register and pay online at www.swcs.org/24AC, OR return the completed form and payment to:

Soil and Water Conservation Society
Attn: 2024 Annual Conference Registration
945 SW Ankeny Road
Ankeny, IA 50023

Questions? Email events@swcs.org.

Payments for conference registrations, tours, workshops, or special event tickets must accompany registration and will be accepted in US funds only—credit card (Visa, MasterCard, or American Express) or check. If a cancellation is received on or prior to July 3, a full refund will be issued less a \$75 processing fee per conference registration and a \$25 processing fee per tour or workshop, and a \$10 processing fee per special event ticketed items. Due to contract commitments made to service providers, no refunds will be made after July 3 for conference registrations, tours, workshops, or special event tickets.



REGISTRATION NOTE

The email you use to register is how you will access the event app. Be sure to keep your confirmation email and know exactly which email address you used to register.

Special Needs

Please indicate on the registration form any physical or dietary special needs. SWCS is committed to meeting the needs of persons covered by the Americans with Disabilities Act.

Workshops, Tours, and Special Event Tickets

Workshops, tours, and special events tickets will be handled on a reserved ticket basis only and do not need to accompany a conference registration. Tickets will be sold at the conference based on availability, but purchasing them as early as possible is best to guarantee participation. Workshops, tours, and special event functions may be canceled without sufficient participation. These events 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 canceled or minimums are not met, attendees will have the option to exchange tickets for another tour or request a full refund. Refunds for canceled activities will be given after the conclusion of the annual conference.

ACCOMMODATIONS

Hotel

To view options for SWCS discounted hotel room blocks, please visit www.swcs.org/24AC.

Transportation

The Sheraton is located approximately 16 minutes from the Myrtle Beach International Airport. Our recommended economical method of travel to and from the airport is to take a taxi, Uber, or Lyft.

Come to Meet, Stay to Play!

What better location to enjoy a break with all the activities Myrtle Beach has to offer? 60 miles of sun, surf, and sand are not the only things the Myrtle Beach Area has to offer. Check out visitmyrtlebeach.com/things-to-do to find out more about fun-filled entertainment options.

visit
MYRTLE BEACH
SOUTH CAROLINA

REGISTRATION FORM

Early Registration Cutoff: June 3, 2024

Online Registration Cutoff: July 3, 2024

Register online at www.swcs.org/24AC



REGISTRANT INFORMATION

**Required Information*

Name (Please Print)* _____

Organization* _____ Industry _____

Street Address* _____

City* _____ State/Province* _____ Postal Code* _____

Country* _____ Phone _____ Email* _____

Physical or Dietary Restrictions Yes No

If Yes, Please Indicate: _____

1. CONFERENCE REGISTRATION

Choose from full conference registration (below) or one-day registration (following page).

FULL CONFERENCE REGISTRATION

Full Conference Registration Categories	Early Rate Thru 6/3	Late Rate Thru 7/3	Onsite Rate After 7/3
SWCS Member	<input type="checkbox"/> \$500	<input type="checkbox"/> \$600	<input type="checkbox"/> \$650
Register and Join*	<input type="checkbox"/> \$615	<input type="checkbox"/> \$715	<input type="checkbox"/> \$765
Nonmember	<input type="checkbox"/> \$650	<input type="checkbox"/> \$750	<input type="checkbox"/> \$800
Senior (65+)	<input type="checkbox"/> \$400	<input type="checkbox"/> \$500	<input type="checkbox"/> \$550
Farmer	<input type="checkbox"/> \$400	<input type="checkbox"/> \$500	<input type="checkbox"/> \$550
International	<input type="checkbox"/> \$400	<input type="checkbox"/> \$500	<input type="checkbox"/> \$550
Full-Time Student^	<input type="checkbox"/> \$250	<input type="checkbox"/> \$350	<input type="checkbox"/> \$400

Graduation Date: _____

* Not a member of SWCS? Join today! Include a SWCS Conservationist level membership (\$115) and save on registration. Rate includes a 12-month SWCS membership.

^ Available to full time students who carry at least 12 semester hours.

ONE-DAY CONFERENCE REGISTRATION

One-Day Conference Registration Categories	Early Rate Thru 6/3	Late Rate Thru 7/3	Onsite Rate After 7/3
One-Day Member*	<input type="checkbox"/> \$315	<input type="checkbox"/> \$365	<input type="checkbox"/> \$415
One-Day Nonmember*	<input type="checkbox"/> \$375	<input type="checkbox"/> \$425	<input type="checkbox"/> \$475
One-Day Senior (65+)*	<input type="checkbox"/> \$250	<input type="checkbox"/> \$300	<input type="checkbox"/> \$350
One-Day Farmer*	<input type="checkbox"/> \$250	<input type="checkbox"/> \$300	<input type="checkbox"/> \$350
One-Day International*	<input type="checkbox"/> \$250	<input type="checkbox"/> \$300	<input type="checkbox"/> \$350
One-Day Full Time Student** [^] Graduation Date: _____	<input type="checkbox"/> \$150	<input type="checkbox"/> \$200	<input type="checkbox"/> \$250
Wednesday ONLY	<input type="checkbox"/> \$200	<input type="checkbox"/> \$250	<input type="checkbox"/> \$300

* Please list day attending: _____

[^] Available to full time students who carry at least 12 semester hours.

2. WORKSHOPS - SUNDAY, JULY 21

Conference registration not required. Late fees apply after June 3. Onsite fees apply after July 3.

#1: Boosting Soil Health through Climate-Smart Vegetable Production in Southern Piedmont

\$75 early | \$100 late | \$125 onsite x _____ = \$ _____

#2: Designing Phosphorus Removal Structures

\$75 early | \$100 late | \$125 onsite x _____ = \$ _____

#3: Explore New Tools to Help Make More Informed Cover Crop Decisions

\$75 early | \$100 late | \$125 onsite x _____ = \$ _____

#4: WEPS WebStart Training

\$75 early | \$100 late | \$125 onsite x _____ = \$ _____

STUDENT AND EARLY CAREER PROFESSIONAL NETWORKING

I intend to participate in the Student and Early Career Professional Networking on Sunday, July 21, from 4:00 – 5:00 PM.

Which best represents your participation?

Early career professional/student

Established professional looking to network with the group

3. EDUCATIONAL TRAINING TOURS – WEDNESDAY, JULY 24

Conference registration not required. Late fees apply after June 3. Onsite fees apply after July 3.

#1: Fire, Farming, and Flora of Coastal South Carolina

\$100 early | \$125 late | \$150 onsite x ____ = \$ ____

#2: Women-Led Communities in Agriculture Tour

\$75 early | \$100 late | \$125 onsite x ____ = \$ ____

#3: Myrtle Beach Walking Tour

\$50 early | \$75 late | \$100 onsite x ____ = \$ ____

4. SPECIAL EVENTS TICKETS

Conference registration not required. Late fees apply after June 3. Onsite fees apply after July 3.

Guest Ticket(s) for Local Forum and Flavor Reception

\$50 early | \$75 late | \$100 onsite x ____ = \$ ____

Nonmember or Guest Ticket(s) for SWCS Members Luncheon

\$75 early | \$100 late | \$125 onsite x ____ = \$ ____

Guest Ticket(s) for Exhibitor and Poster Reception

\$50 early | \$75 late | \$100 onsite x ____ = \$ ____

Guest Ticket(s) for Awards Luncheon

\$75 early | \$100 late | \$125 onsite x ____ = \$ ____

5. PRINTED PROGRAM

Conference program will be available on the event app. Additional fees apply for a hard copy.

\$20 early | \$30 late and onsite x ____ = \$ ____

6. RENEW MEMBERSHIP

Will renew for one year as of your current membership expiration date

- Conservationist | \$115
- Leader | \$180
- President's Club | \$275
- Student | \$40

7. CONTRIBUTION

- Give and Support the SWCS Professional Development Fund
Amount: \$ _____

GRAND TOTAL \$ _____

Register and pay online at www.swcs.org/24AC, OR return completed form and payment to:
Soil and Water Conservation Society
Attn: 2024 Annual Conference Registration
945 SW Ankeny Road
Ankeny, IA 50023

METHOD OF PAYMENT

Payment must accompany registration.

- CHECK (US funds) enclosed for \$ _____ Check # _____
All checks should be payable to SWCS.

CREDIT CARD

- Visa MasterCard American Express

Card Number _____ Exp. Date _____ CSV Code _____

Name on Card _____

Billing Address _____

City _____ State/Province _____ Postal Code _____

Signature _____

- Opt out of sharing contact information with conference sponsors