

Saturday, February 20, 2010

12:00pm-5:00pm Ballroom D	NCDC216: A New Multistate Group for Water Management and Quality for Ornamental Crop Production and Health Chair: Tom Fernandez, Michigan State University
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Sunday, February 21, 2010

9:00am-5:00pm Ballroom D	NCDC216: A New Multistate Group for Water Management and Quality for Ornamental Crop Production and Health Chair: Tom Fernandez, Michigan State University
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9:00am-5:00pm Bayley's Barony	Region 9 Meeting
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12:00pm	Registration Opens
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12:00pm-5:00pm Captain Jack Stoney	Region 10 Meeting
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2:00pm-9:00pm Ballroom A	Region 5 Leadership Team Meeting
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3:00pm Meet in Hotel Lobby for shuttle to dock	Coastal Water Resources Boat Tour and Reception (pre-registration required) Coordinator: Dan Hitchcock, Clemson University
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4:00pm-6:00pm Tour	Please join us for a two-hour tour on the "Spirit of Harbour Town" from Hilton Head Island as we cruise the tidal estuaries of the Broad River and Calibogue Sound with local guides and natural resources experts. A boat tour in late February is an ideal time for wildlife viewing and sight-seeing with cooler temperatures and bug-free conditions. Please dress accordingly. Refreshments will be provided.
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Monday, February 22, 2010

7:00am-9:00am Bayley's Barony	Committee for Shared Leadership
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7:30am	Registration Opens
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	Concurrent Sessions
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Workshop 3 7:30am-12:00pm Ballroom F	Mashup Madness: Using Google Maps to Display Geographic Information on the Web Moderator: Chester Arnold, University of Connecticut Speakers: Cary Chadwick, University of Connecticut David Dickson, University of Connecticut Aimee Mandeville, University of Rhode Island
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<p>Symposium 1 8:00am-12:00pm Ballroom E</p>	<p>Water Issues in the Production of Ornamental Crops in the United States Chair: John Lea-Cox, University of Maryland</p> <p>Speakers: Tom Fernandez, Michigan State University Gladis Zinati, Rutgers University John Lea-Cox, University of Maryland Marc van Iersel, University of Georgia Donald Merhaut, University of California - Riverside Tom Yeager, University of Florida Chuanxue Hong, Virginia Polytechnic and State University Doug Parker, University of Maryland</p>
<p>Symposium 2 8:00am-12:00pm Ballroom B</p>	<p>Isolated Wetlands: Significance and Functions Chair: Katherine Milla, Florida A&M University</p> <p>Speakers: Katherine Milla, Florida A&M University Andrew Rasmussen, Florida A&M University Amita Jain, Florida A&M University Mike Vepraskas, North Carolina State University Ge Sun, USDA Forest Service Joyce Marie Klaus, University of Central Florida William Conner, Clemson University Devendra Amatya, USDA Forest Service</p>
<p>Symposium 3 8:00am-12:00pm Ballroom C</p>	<p>Land and Sea Grant Solutions to the Threat from Aquatic Invasive Species Chairs: Robert Emanuel, Oregon State University Sea Grant Extension Sam Chan, Oregon State University Sea Grant Extension</p> <p>Speakers: Laura Herman, University of Wisconsin Extension-Lakes Karen Hall, North Carolina Cooperative Extension Sam Chan, Oregon State University Sea Grant Extension Robert Emanuel, Oregon State University Sea Grant Extension Tania Siemens, Oregon State University Sea Grant Extension Jeff Adams, Washington Sea Grant Joshua Brown, National Sea Grant Carrie Culver, California Sea Grant Extension Jodi Cassell, California Sea Grant Extension</p>
<p>Workshop 1 8:00am-12:00pm Ballroom D</p>	<p>Onsite Wastewater Treatment and Management Chair: George Loomis, University of Rhode Island</p> <p>Speakers: Bruce Lesikar, Texas A&M University David Lindbo, North Carolina State University</p>
<p>Workshop 2 8:00am-12:00pm Sabal Palm</p>	<p>Breaking Out of the Silo: Integrating Social and Natural Science in Water Projects Chair: Julia Peterson, University of New Hampshire</p> <p>Speakers: Brian Eisenhauer, Plymouth State University Chris Ellis, NOAA Coastal Services Center Nicholas Stevenson, Plymouth State University Laura Wilson, University of Maine</p>

10:00am Ballroom Foyer	Break in Poster/Exhibit Area
12:00pm	Lunch on your own
1:00-7:00pm Ballrooms G-J	Poster Setup
1:00-6:00pm Ballroom F	NRI/AFRI Grant Awardees Meeting Chair: Mary Ann Rozum, USDA NIFA
1:00-5:00pm Bayley's Barony	Evaluation Committee Chair: Jennifer Kushner, University of Wisconsin
1:00-5:00pm Captain Jack Stoney	Human Dimensions Workgroup Chair: Robert Mahler, University of Idaho
	Concurrent Sessions
Symposium 4 1:00-5:00pm Sabal Palm	Water Supply, Drought, and Climate Variability Chair: Dennis Todey, South Dakota State University Speakers: Dennis Todey, South Dakota State Climatologist Roger Pulwarty, NOAA, Boulder, CO Keith Ingram, University of Florida Jessica Whitehead, SC Sea Grant Consortium Mark Masters, Albany State University
Symposium 5 1:00-5:20pm Ballroom B	Stream Geomorphic Assessment and Sediment Fingerprinting Chair: David Radcliffe, University of Georgia Speakers: Des Walling, University of Exeter Robert Thomas, USDA-ARS, Oxford, MS Michael Slattery, Texas Christian University Allen Gellis, USGS, Baltimore, MD Sol Brich, South Dakota DENR Laura Keefer, Illinois State Water Survey Eddy Langendoen, USDA-ARS, Oxford, MS Rajith Mukundan, City University of New York Panel: TMDLs for Unstable Streams Jim Greenfield, EPA Region 4 David Radcliffe, University of Georgia Mark Risse, University of Georgia Andrew Simon, USDA-ARS, Oxford, MS
Symposium 6 1:00-5:00pm Ballroom C	Nitrogen Dynamics in Coastal and Rural Environments and in Onsite Wastewater Treatment Systems Chair: George Loomis, University of Rhode Island Speakers: Lorraine Joubert, University of Rhode Island George Loomis, University of Rhode Island
Workshop 4 1:00-5:00pm Ballroom D	Rain Garden Certification Chairs: Kathy DeBusk, North Carolina State University Wendi Hartup, North Carolina State University Ryan Winston, North Carolina State University Mitch Woodward, North Carolina State University

Workshop 5 1:00-5:00pm Ballroom E	EPA-Mandated Turbidity Reduction in Stormwater Runoff Chair: Rich McLaughlin, North Carolina State University
3:00pm Ballroom Foyer	Break in Poster/Exhibit Area
5:30-7:00pm Ballrooms G-J	Reception in the Poster/Exhibit Area
6:00-7:00pm Bayley's Barony	1890 Land Grant Institutions Meeting
6:00-7:00pm Captain Jack Stoney	1994 Land Grant Institutions Meeting
7:00-9:00pm Sabal Palm	Regions 1 and 2 Meeting
7:00-9:00pm Ballroom B	Region 3 Meeting
7:00-9:00pm Ballroom C	Regions 4 and 6 Meeting
7:00-8:00pm Ballroom D	Region 5 Meeting - All Region
8:00-9:00pm Ballroom D	Region 5 Meeting - Leadership
7:00-9:00pm Ballroom E	Region 7 Heartland Region Meeting
7:00-9:00pm Palmetto	Region 8 Meeting
7:00-9:00pm Ballroom F	Region 9 Meeting
7:00-9:00pm Suite 376	Region 10 Meeting

Tuesday, February 23, 2010

7:00-8:00am Bayley's Barony	Committee for Shared Leadership
7:30am	Registration Opens
8:00-9:45am Ballrooms A-F	<p>General Session Moderator: Cass Gardner, Florida A&M University, CSL Co-Chair</p> <p>Welcome: Greg Jennings, North Carolina State University, Conference Chair Gene Eidson, Assistant Director of Environmental Programs, Clemson University Experiment Station</p> <p>Keynote Presentations: Jim Dobrowolski, National Program Leader, USDA NIFA Leon Cammen, Director, National Sea Grant College Program, NOAA Sea Grant Marjan Peltier, Chief, Watershed Coordination Section, USEPA Region 4, Atlanta, GA Margaret A. Davidson, Director, NOAA Coastal Services Center, Charleston, SC</p> <p>About the Speakers: Dr. Gene W. Eidson has over 15 years of experience in community-based environmental stewardship programming. Dr. Eidson is a senior administrator and full tenured professor of Biological Sciences at Clemson University, Director of the Centers for Applied Ecology and Watershed Excellence and serves as Director of Restoration Ecology within the Clemson University Restoration Institute. Relevant experience includes being founder, President & CEO of Southeastern Natural Sciences Academy, a 501(c)(3) organization located in Augusta, Georgia. Dr. Eidson has a broad background in stakeholder communications and natural resources education, research and outreach. Documentation of the accomplishments of the Academy is outlined on the website: www.naturalsciencesacademy.org. Key experience related to watershed management includes development of one of the nation's largest constructed wetland projects for advanced wastewater treatment, restoration of Phinizy Swamp, nationally-honored natural resource-based educational programming for more than 45,000 weekend visitors per year and a significant body of river, stream, wetla</p> <p>Dr. James P. Dobrowolski is a rangeland watershed scientist, National Program Leader for Rangeland and Grassland Ecosystems, Agricultural Water Security, and agency representative for Fisheries and Wildlife. Jim has a split position with Natural Resources and the Environment (NRE) and Plant and Animal Systems (PAS) units of NIFA. He leads the agency in developing a systems approach to rangeland and grassland ecosystem management, conservation effects of grazing land practices, and water availability from working, rural and urbanizing lands. He is one of the two principal architects of the "Agricultural Water Security" initiative for the Research, Education and Economics (REE) mission area of USDA that focused on the need to maintain adequate water supplies to meet the food, fiber, ecosystem and energy needs of an expanding population. Dr. Dobrowolski provides agency liaison to OSTP's Committee on Environment and Natural Resource (CENR) Surface Water Availability and Quality Subcommittee (SWAQ), Grazing Lands Conservation Effects Assessment (CEAP), Sustainable Rangelands Roundtable (SRR), Grazing Lands Conservation Initiative (GLCI), Nat</p>

	<p>Dr. Leon M. Cammen is the Director of the National Oceanic and Atmospheric Administration’s (NOAA) National Sea Grant College Program. Since joining Sea Grant in 1990, Leon has served as a Program Officer for about half the 32 state Sea Grant Programs and has served as Research Director. Since 2004, he has also been the Program Manager for NOAA’s Ecosystem Research Program, a matrix program that includes the programs and laboratories from Office of Atmospheric Research, National Ocean Service, and National Marine Fisheries Service that deal with coastal and ocean ecosystem research. Prior to joining Sea Grant, Leon was a research scientist at Bigelow Laboratory for Ocean Sciences in Maine. His research interests include benthic ecology, the microbial loop, respiratory physiology, benthic-pelagic coupling, and ecosystem modeling. Leon has authored over 30 publications in the fields of marine ecology and biological oceanography. He received his Ph.D. in Zoology from North Carolina State University in 1978. He carried out postdoctoral research as a National Research Council Canada Fellow at the Bedford Institute of Oceanography, as a NAT</p> <p>Marjan Peltier is the chief of the Watershed Coordination Section at EPA’s Atlanta Office. She has been with the EPA water programs for the last 19 years. She has served in the wetlands program, drinking water enforcement program, state planning and as the Regional watershed coordinator in the Southeast. She has also served at EPA Headquarters in the Ocean Dumping and National Estuary Programs and considers water programs her permanent home. She has a B.A. in economics from Yale University and an M.S. in Biology from Tennessee Technological University.</p> <p>Margaret A. Davidson has served since 1996 as the Director of NOAA’s Coastal Services Center, a national enterprise established to accelerate access to the science and technology capabilities of NOAA and its partners to improve coastal and ocean resource management as practiced at state and local levels. From August 2000 to October 2002, Margaret also served as the Acting Assistant Administrator of NOAA for Ocean Services and Coastal Zone Management. Before coming to NOAA, Margaret served sixteen years with the South Carolina Sea Grant Consortium, thirteen as the Executiv</p>
9:45am-1:00pm Ballrooms G-J	<p>Poster/Exhibit Session Lunch Provided for All Conference Attendees at 12:00pm</p>
10:15-12:00pm Suite 376	<p>Web Site Coordinators Meeting Chair: Kelly Addy, University of Rhode Island</p>
<p>Workshop 6 10:15-12:30pm Captain Jack Stoney</p>	<p>Energy Independence, Bioenergy Generation and Environmental Sustainability: Development of Curriculum, Training Programs and Assessment Tools for Extension Chairs: Sharon Lezberg and Jeff Mullins University of Wisconsin Environmental Resources Center</p>
<p>Symposium 7 10:15-12:00pm Sabal Palm</p>	<p>Tidal Creek Ecosystems: Environmental Consequences of Rapid Development Chair: Robert Bacon, South Carolina Sea Grant Extension</p> <p>Speakers: Denise Sanger, South Carolina Sea Grant April Turner, South Carolina Sea Grant Extension David Joyner, Clemson Extension Angela Bliss, COSEE-Southeast</p>
11:00am-1:00pm Bayley's Barony	<p>Committee for Shared Leadership Chair: Cass Gardner, Florida A&M University</p>
12:00-1:00pm Ballrooms G-J	<p>Lunch Provided for All Conference Attendees in the Poster/Exhibit Area</p>

<p>Symposium 8 1:00-5:00pm Ballroom C</p>	<p>Sustainable Land and Water Use for Coastal Areas Chair: Dan Hitchcock, Clemson University Moderator: Barbara Doll, North Carolina State University</p> <p>Speakers: Dan Hitchcock, Clemson University David Dickson, University of Connecticut Christy Perrin, North Carolina State University Dara Park, Clemson University</p> <p>Case Studies - Sally Krebs, Town of Hilton Head, SC Kim Jones, Town of Bluffton, SC Lisa Vandiver, USC/NOAA</p>
<p>Symposium 9 1:00-5:00pm Captain Jack Stoney</p>	<p>Evaluating the Effects of Conservation Practices on Watershed Health within the Biophysical Setting of a Grazing Land Watershed Chair: Jim Dobrowolski, USDA NIFA</p> <p>Speakers: James Dobrowolski, USDA NIFA Bradford Wilcox, Texas A&M University Linda Hardesty, Washington State University Mitchel McClaran, University of Arizona Alexander Smart, South Dakota State University</p>
<p>Symposium 10 1:00-2:55pm Ballroom F</p>	<p>Organic Production Systems to Improve Yield and Feed Quality and Protect Water Quality Chair: John Jemison, University of Maine</p> <p>Speakers: Heather Darby, University of Vermont Stephen Herbert, University of Massachusetts</p>
<p>Symposium 11 3:05-5:00pm Ballroom F</p>	<p>Alternative Manure Handling Practices in the Southern Region Chairs: Douglas W. Hamilton, Oklahoma State University Shawn Hawkins, University of Tennessee</p>
<p>3:00-5:00pm Suite 376</p>	<p>Developing Partnerships between Land Grant Universities and Non-profit Watershed Organizations Chairs: Mike Daniels, University of Arkansas Delia Haak, Illinois River Watershed Partnership</p>

Room Name:	Concurrent Sessions			
	Session A	Session B	Session C	Session D
	Ballroom A	Ballroom B	Ballroom D	Ballroom E
	CEAP Results	Watershed Monitoring	Social Indicators	Residential Water and Wastewater
	Moderator: Deanna Osmond NC State University	Moderator: Karen Kline Virginia Tech	Moderator: Christy Perrin NC State University	Moderator: Corrie Cotton University of Maryland
1:00pm	Claire Baffaut Effectiveness of Best Management Practices: What Have We Learned in the Goodwater Creek Experimental Watershed?	William Lamp Ecological Function and Bioassessment of Agricultural Ditches on the Delmarva Peninsula	Ken Genskow Applying Social Indicators for NPS Management in the Great Lakes Region	Diane E. Boellstorff A Southern Region Well Owner Network: Development and Implementation
1:20pm	Nathan O. Nelson Individual and Cumulative Impacts of Historical Conservation Practice Implementation on Water Quality in Cheney Lake Watershed (CEAP)	Roxanne Johnson Tile Drainage Water Quality Assessment in Saline Soils in North Dakota	Linda Prokopy Using Social Information to Guide Outreach Activities in the La Moine River Watershed	Channah Rock The Role of Extension in Educating Domestic Well Owners In Arizona
1:40pm	R. Peter Richards Increasing Trends in Dissolved Phosphorus in Lake Erie Tributaries: The Role of Agricultural Management Practices	Garey Fox Progress Toward Characterizing Alluvial Preferential Flow Paths in Ozark Floodplains	Kristin Floress Exploring Relationships: Social Networks and Water Quality Behavior	Gulnihal Ozbay Safe Drinking Water Clinics and Outreach in Delaware Focused on Educating Rural Homeowners
2:00pm	Remegio Confesor and Gerald W. Whittaker Calculation of Optimal Trade-offs Between Farm Profit, Water Quality and Fish Diversity	Michael T. Lee Watershed Influences: A Regional-scale Approach to Monitoring Instream Flows to a Source-Water Reservoir, Lake Houston, Texas	Rebecca Power Facilitating a Community of Practice in the Social Dimensions of Watershed Management: New Tools and Resources	Adam Sigler Taking Care of Your Ground Water: A DVD for Private Well and Septic Owners
2:20pm	Erin S. Brooks BMP Targeting Using a Hydrologic Characterization Tool	Jerry Iles A Three Year Review of Ohio's Volunteer Water Monitoring Credible Data Legislation	Shorna Broussard Allred and Joe Bonnell Social Dimensions of Watershed Management: Development of a Curriculum to Enhance Learning	LaDonna Ferrier Oklahoma Tribal Institute for On-site Wastewater Treatment Systems

2:40pm	T. Kevin O'Donnell Evaluation of Water Quality Trends in Goodwater Creek Experimental Watershed, Missouri: Implications for Monitoring Strategies and Objective Setting	Kevin Urbanczyk A Transboundary Diagnostic Analysis for the Rio Grande Basin	Mae Davenport Informal Social Networks and Formal Organizational Coordination: Keys to Local-Level Capacity for Sustainable Watershed Management	Leeann DeMouche New Mexico Tribal Management for On-site Wastewater Treatment Systems
3:00-3:20pm Ballrooms G-J	Break in Poster/Exhibit Area			
Room Name:	Session E	Session F	Session G	Session H
	Ballroom A	Ballroom B	Ballroom D	Ballroom E
	CEAP Results II	Pathogens in Water	Behavior Changes	Human Wastewater
	Moderator: Lisa Duriancik USDA NRCS	Moderator: Mary Ann Rozum USDA NIFA	Moderator: Eve Brantley Auburn University	Moderator: Greg Evanylo Virginia Tech
3:20pm	George Vellidis The Georgia CEAP Project: What We Learned	Shane Rogers Runoff of Fecal Pathogens and Nutrients following Surface Application of Animal Manure to Frozen Ground	Erin Seekamp Urban and Rural Residents' Concern for Watershed Health: A Comparison of Behavioral Antecedents and Reported Behaviors	David Lindbo Time of Transfer/Loan Inspection Programs for Wastewater Systems
3:40pm	Douglas Jackson-Smith Using Aerial Photography to Measure Impacts of In-stream and Riparian Area Conservation Best Management Practices	Yuniati Zevi Micromodel Investigation of Model Pathogen Transport during Two-Phase Flow	Stacie Minson Building Trust, Partnerships, & Collaborations in Kansas Watersheds	Bruce J. Lesikar Homeowner Training on Operation and Maintenance of Aerobic Treatment Units
4:00pm	Linda Prokopy Horse and Stable Owners in the Eagle Creek Watershed, Indiana: An Underserved Target Audience for Soil and Water Conservation	Alice Jones Brushy Creek Watershed: Assessment of a Karst Drainage Basin Using Microbial, Geospatial, and Geochemical Approaches	Robert Simmons Rural Landowner Land Use Stewardship Attitudes and Motivations	George Loomis Expanded Onsite Wastewater Treatment System Training and Capacity Building in the US Caribbean Islands
4:20pm	A. E. Luloff and Dana Hoag NIFA-CEAP Key Informant Results	Elena Rodriguez Predictions of Contact Line Length and its Role in Pathogen Transport	Jean McGuire Reconstructing the Good Farmer Identity	David Radcliffe Nitrogen Model for Onsite Wastewater Systems
4:40pm	Deanna Osmond Developing Lessons Learned from the 13-NIFA CEAP Projects	Rebecca Schneider Roadside Ditch Networks: Rapid Conduits of Pathogens and Other Contaminants from Headwater Reaches to Downstream Drinking Water Supplies	Lena Beth Carmichael Watershed Project Coordinators: Who Needs Them?	David Lindbo The Selection of Wastewater Management Options for Small Communities

5:00pm	Lisa Duriancik Roadmap for CEAP: Translating Science into Practice		William Deutsch The GWW-GOMA Project: Stewardship of the Gulf of Mexico by Animal Producers, Classrooms and Community Volunteers	John P. Williams Environmental Site Testing Requirements to Determine the Net Environmental Benefit of a Proposed Wetland Augmentation Wastewater Dispersal System
5:30-7:00pm Ballrooms G-J	Reception in the Poster/Exhibit Area Announcement of Student Poster Award Winners at 6:00pm			
6:30-8:00pm Ballroom A	Successful Proposal Writing for NIFA Competitive Grant Programs Mary Ann Rozum and Jim Dobrowolski, USDA NIFA			
7:00-9:00pm Bayley's Barony	Region 8 Meeting			
Workshop 12 7:00-9:00pm Ballroom B	Performance-based Incentives for Agricultural Pollution Control: Design-Your-Own Recommendations Chair: Jonathan Winsten, Winrock International			
Wednesday, February 24, 2010				
7:00-9:00am Bayley's Barony	Committee for Shared Leadership			
Symposium 12 8:00-12:00pm Ballroom C	The Role of Science in Multi-State Water Issues Chair: Mark Risse, University of Georgia Speakers: Andrew Sharpley, University of Arkansas Kyle Douglas-Mankin, Kansas State University Todd Rasmussen, University of Georgia Jeff Jordan, University of Georgia Mike Smolen, Oklahoma State University Brian Haggard, University of Arkansas David J. Hansen, University of Delaware Michael Barber, Washington State University			
Workshop 7 8:00-10:00am Ballroom F	Community-Based Water Monitoring Programs: Things to Consider Before Getting Your Feet Wet Chairs: Linda Green, University of Rhode Island Elizabeth Herron, University of Rhode Island Kris Stepenuck, University of Wisconsin Frank Finley, Salish Kootenai College NIFA Volunteer Water Quality Monitoring National Water Resource Project			
Workshop 8 10:00-12:00pm Sabal Palm	Approaches and Tools for Effective Water Quality Monitoring Programs: Focus on BMP Assessment for Stream Systems Chair: Nancy Mesner, Utah State University Speakers: Nancy Mesner, Utah State University Ginger Paige, University of Wyoming Mary Skopec, Iowa Department of Natural Resources Liberty Blain, Laramie County Conservation District			

Room Name:	Concurrent Sessions			
	Session I	Session J	Session K	Session L
	Ballroom A	Ballroom B	Ballroom D	Ballroom E
	Agricultural Water Quality	Data Management	Watershed Planning	Water Resources
	Moderator: Mark Dubin University of Maryland	Moderator: Dennis Todey South Dakota State Univ.	Moderator: Abua Ikem Lincoln University	Moderator: Jim Bauder Montana State University
8:00am	Brian Boman Ag BMP Development and Implementation Programs in Florida	David Dickson Use Geospatial Technology to Win Friends and Influence Others	Bob Broz Facilitating the Development of Acceptable Watershed Management Plans	Jessica C. Whitehead Addressing Community Water System Adaptation to Climate Change through Participation and Systems Thinking
8:20am	Darryl Finnigan Agri-environmental Programs in Ontario: Improving Our Measures of Environmental Performance	Sean Rafferty Presque Isle Bay Watershed Restoration, Protection, and Monitoring Plan: A GIS-based Watershed Management Effort	Paul Sturm An Organic Approach to Restoration Planning in the Sassafras River Watershed	Aleksey Y. Sheshukov Climate Change and Watershed Assessment within the WRAPS Program in Kansas
8:40am	Donna Morgan The Louisiana Master Farmer Program - Looking to the Future	Dharmendra Saraswat Developing Inventory of Riparian Buffer Cover in the L'Angeuille River Watershed Using Geospatial Technologies	Dan Downing An Example Watershed Management Plan Development Program	James E Hook Georgia's Agricultural Water Needs through 2050
9:00am	M. Edward Rister Identifying Optimal Best Management Practices for Watershed Management: Economic and Finance Considerations	Sudhanshu Sekhar Panda Development of an Automated Watershed Stream Health Determination Model Using the 12-Point Physical Watershed Parameters	Tommy Futral Working with the Middle Tallapoosa River Basin Clean Water Partnership	W. L. Hargrove Research and Information Needs for Addressing Sedimentation of Reservoirs: Results from a National Conference
9:20am	Michael Penn Dissolved and Particulate Nutrient Export from Agricultural Runoff During Snowmelt Events	Jon Hathaway Correlating Factors for Indicator Bacteria Export from an Urban Watershed	Brian C. Chaffin Watershed Groups in the Pacific Northwest: Current Status and Measures of Success	Bryan Dick Determining River Bank Erosion Rates for the Prediction of Stream Bank Erodibility Using Dendrogeomorphic Methods and Exposed Tree Roots

9:40am	James Pease Regional Cropland Nutrient Budgets: Lessons Learned	Brian E. Haggard HUC 12 Watershed Prioritization along a Water Quality and Land Use Gradient: Upper Illinois River Watershed Management Plan	Christy Perrin Working in a High Conflict Watershed: Tools of the Trade	Francine Rochford Saving Water: Rationalization of Irrigation Infrastructure - The Australian Experience
10:00-10:20am Ballrooms G-J	Break in Poster/Exhibit Area			
Room Name:	Session M	Session N	Session O	Session P
	Ballroom A	Ballroom B	Ballroom D	Ballroom E
	Rio Grande Basin Initiative	Watershed Modeling	Watershed Success Stories	Residential Landscapes
	Moderator: Craig Runyan New Mexico State Univ.	Moderator: Margaret Gitau Florida A&M University	Moderator: Frank Henning University of Georgia	Moderator: Julia Peterson, Univ. of New Hampshire
10:20am	Allen Sturdivant Rio Grande Basin Initiative: Bringing Economics, Finance, Accounting, and Computer Modeling to Water Planning	Loren Wehmeyer When Hydrologic Monitoring meets Complex Modeling Needs, Composite Models Can Come Through - Eventually	Angela Bliss Flushing the Problem Downstream: Effects of Growth and Development on Water Quality in Tidal Creeks and Estuaries in the Southeast	Laura Wilson What Do Doughnuts Have to Do with Stormwater? Developing a Lawn Care Behavior Change Plan for Stormwater Communities
10:40am	Richard Heerema Rio Grande Basin Initiative: Development of a Regulated Deficit Irrigation Strategy for Pecans in the Southwest	Kyle Glazewski Development of the Soil and Water Assessment Tool (SWAT) to Evaluate Beneficial Management Practices (BMPs) in the Red River of the North Watershed	Anne Baird Decisions on the Edge: An Exploration of Streamside Landowners Land Use and Management Decisions in a Rapidly Urbanizing Ohio Watershed	Madeline Flahive DiNardo Stormwater Management in Your Backyard: Rain Garden Education for Landscape Professionals
11:00am	Guy Fipps Rio Grande Basin Initiative: Engineering, Technology and People Fostering Change in Water Districts	Prasad Daggupati Field Scale Targeting of Sediment Yields using ArcSWAT in Black Kettle Creek Watershed	Wendy Patoprsty Low Impact Development to Protect Headwater Streams in Southern Appalachia	David F. Joyner The Carolina Yard Living Classroom: Benefits and Challenges of Developing a Permanent Public Education Exhibit
11:20am	Monty Dozier Rio Grande Basin Initiative County Program Efforts	Zachary Easton Development and Application of a Physically Based Landscape Water Balance in the SWAT Model	Eve Brantley Fun in the Mud: A Watershed Recipe for Improved Stream and Floodplain Functions	Brian Eisenhauer Changing Lawn Care Behavior in New England: The Role of Social Science

11:40am	Joran Viers Rio Grande Basin Initiative: Making the Most of Every Drop: NM County Extension Irrigation Efficiency Programs on the Farm and In the City	Indrajeet Chaubey An Approach to Evaluate BMP Optimization and Uncertainty in Water Quality Improvement Using Bayesian Analysis and BMP Tool	Amanda Gumbert Water Pioneers Cane Run Watershed Case Study	David S. Vandergriff Tennessee Yards and Neighborhoods: Implementing the Program Statewide
12:00pm	Bernd Leinauer Rio Grande Basin Initiative Water Conservation in Turfgrass Irrigation	Jane Frankenberger Extension Education to Help Watershed Decision-Makers Effectively Use Hydrologic Models	Derek Godwin Building S.W.A.M.P.s in Coastal Oregon Communities	Justin Mechell Rainwater Harvesting and Water Management
12:00-1:00pm Bayley's Barony	LPE Learning Center Live Webcast			
12:20pm	Lunch on your own			
12:20pm Back of Conroy's	Student Career Awareness Lunch (pre-registration required)			
12:20pm Suite 376	Youth Water Listening Group Chair: Jennifer Kushner, University of Wisconsin			
Symposium 13 1:20-5:00pm Ballroom C	Ecosystem Services: Linking Land, Air, and Aquatic Environments Chairs: Doug Parker, Mid-Atlantic Water Program, University of Maryland Doug Lipton, Maryland Sea Grant, University of Maryland Speakers: James Boyd, Resources for the Future John Jacobs, NOAA Bob Woods, NOAA Jonathan Kramer, University of Maryland G. Ronnie Best, USGS Carl D. Shapiro, USGS Carl Lucero, USDA			
Workshop 9 1:20-5:00pm Ballroom F	Permitting Issues for Sustainable Stormwater Design Chair: Hunter C. Freeman, Withers & Ravenel Speakers: Hunter C. Freeman, Withers & Ravenel Lauren Kolodij, NC Coastal Federation			

Room Name:	Concurrent Sessions			
	Session Q	Session R	Session S	Session T
	Ballroom A	Ballroom B	Ballroom D	Ballroom E
	Animal Agriculture	Watershed Restoration	Educational Impacts	Water Management
	Moderator: G. B. Reddy NC A&T State University	Moderator: Dave Hansen University of Delaware	Moderator: Ginger Paige University of Wyoming	Moderator: Troy Bauder Colorado State University
1:20pm	J. R. Russell Pasture Management Effects on Non-point Source Pollution of Midwestern Watersheds	Liz Kramer A Watershed-scale Ecosystem Function Approach to Assessing Potential Areas for Identifying Wetland Mitigation and Restoration Sites	Jeff Sallee Changing Public Water Usage Practices through Practical Demonstrations	Charles W. Abdalla Water Issues and Policies Associated with Energy Development: Opportunities and Challenges Related to Shale Gas in the Northeast and Mid-Atlantic Regions
1:40pm	John E. Gilley Nutrient and Microbial Transport in Runoff from Soil and Pond Ash Feedlot Surfaces	Tim Keane Stream Channel Succession and Sediment Dynamics: Black Vermillion River, Kansas	Mitch Woodward Lessons Learned from the First National Train-The-Trainer Webinar: Watersheds and Water Quality - The Need for Residential Cisterns and Rain Gardens	Lyubov Kurkalova Energy Prices and Water Quality in the Upper Mississippi River Basin
2:00pm	Abua Ikem Transport of Pollutants into Gans Creek Receiving Stream: The Influence of CAFO Lagoon and Residential Wastewater Treatment Plant Effluents	Michael D. Smolen Sediment Yield from Unpaved Rural Roads and the Effect of BMPs	Nikkoal Dictson Outreach and Education Resources for Implementation of the Plum Creek Watershed Protection Plan to Reduce Water Quality Pollution	Alan R. Collins Solving Agricultural Nitrate Pollution by Conversion of Non-Point into Point Sources
2:20pm	Darryl Finnigan Healthy Lands for Healthy Horses: Increasing the Adoption of Best Management Practices on Horse Farms in Ontario	Britt Faucette New Research on Storm Water Pollutant Removal Effectiveness of Compost Filtration BMPs	Ben Powell Turning Pond Calls into Watershed Moments	Channah Rock Arizona Targeted Watershed Improvement Grant Program: Challenges and Opportunities for Volunteer Participation and Watershed Education
2:40pm	Forbes Walker Watershed Management in the Ridge and Valley Region: Lessons Learned from the Pond Creek Watershed, Tennessee	Ellen J. Colodney Vegetation for Stormwater Wetlands	Stephen R. Stewart Advancing Coastal Environmental Protection through Vessel-Based Education the Michigan Sea Grant Extension Experience	Brian H Kiepper Water Conservation and Reuse in the Georgia Food Processing Industry

3:00pm	Forrest Stegelin Environmental, Marketing, Economic and Financial Opportunities for Manure and Waste Water Management Systems	Jon Hathaway An Evaluation of Stormwater Wetlands in Series	Ashley Osborne 4-H2O Ambassador Program	Larry Parsons Reclaimed Water in Florida and Food Safety
3:20pm	Greg Binford Nutrient Losses when Storing Poultry Litter in the Field	Eban Z. Bean Survey of Retention Basin Hydraulic Performance in Florida	Jessica Roberts Plays Well with Others: Urban Watershed Planning Learned from our Neighbors	Gary L. Hawkins Managing Water in Plasticulture for Production and Conservation
3:40pm	Robert James Impact of Feed Management Software on Feeding Management and Whole Farm Nutrient Balance of Virginia Dairy Farms	Lorelly Solano The Role of Inorganic Green Roof Substrates in Water Quality Improvement	Jean Eells Accountability and Assessment of Regional Coordination	Bonny Seagraves Water Savings with ET-based Landscape Irrigation Control: Continuing Report on Sioux Falls Landscape Irrigation Program
4:00pm	Gregory Evanylo Building On-Farm Composting Capacity to Prevent Pollution	Andrew Ristvey Developing a Low-Carbon Footprint Green Roof Medium	Gloria Putnam Filling the Gap: Reaching Out to Local Officials	Stanley J. Kostka Soil Water Repellency - Impact on Precision Irrigated Grape Productivity
4:20pm	Lindsay A Peed Transmission of Fecal Bacterial Pathogens through an Infiltration Basin and Constructed Wetland Designed for Treatment of Wastewater Generated on a Cattle Feedlot	Chris Estes Natural Morphologically Designed Plunge Pools - Putting Research into Practice		Brian Free Planning and Planting for Sustainable Vegetation

Thursday, February 25, 2010

Workshop 10 8:00am-5:00pm Sabal Palm	Introduction to GIS/GPS Tools for Agriculture, Natural Resources, 4-H, and Watershed Management Chair: Mike Smolen, Oklahoma State University Speakers: David Radcliffe, University of Georgia Dharmendra Saraswat, University of Arkansas Jennifer L. Peterson, Texas AgriLife Extension Service Raymond Faucette, Langston University Sudhanshu Sekhar Panda, Gainesville State College Tim Sweeney, NRCS/Nation Water Management Center
Workshop 11 8:00am-12:00pm Field Tour	Coastal Water Quality Monitoring Case Study and Field Tour: The May River Watershed (pre-registration required) Chair: Dan Hitchcock, Clemson University
8:00am-4:00pm Ballroom A	Multistate Research Project (S1042): Modeling for TMDL Development and Watershed Based Planning, Management and Assessment Chair: Phil Barnes, Kansas State University