

Sunday, June 3, 2012

7:30 - 9:30	<b>Pre-registration open for Field Trip Participants (Grand Sierra Ballroom A)</b>
8:00 - 5:30	<b>OPTIONAL Pre-conference Technical Field Trips</b>
10:00 - 6:00	<b>Exhibitors Move-In (Caribbean Ballroom)</b>
2:00 - 7:00	<b>Poster Session I Set Up (Caribbean Ballroom)</b>
4:00 - 7:00	<b>CONFERENCE Registration Opens (Grand Sierra Ballroom A)</b>
5:30 - 7:00	<b>Evening on Own</b>

Sunday, June 3, 2012

7:30 - 9:30	<b>Pre-registration open for Field Trip Participants (Grand Sierra Ballroom A)</b>
8:00 - 5:30	<b>OPTIONAL Pre-conference Technical Field Trips</b>
10:00 - 6:00	<b>Exhibitors Move-In (Caribbean Ballroom)</b>
2:00 - 7:00	<b>Poster Session I Set Up (Caribbean Ballroom)</b>
4:00 - 7:00	<b>CONFERENCE Registration Opens (Grand Sierra Ballroom A)</b>
5:30 - 7:00	<b>Evening on Own</b>

Monday, June 4, 2012

7:00 - 6:00	Registration Open; Exhibits & Posters on Display; Internet Café Open; Morning Refreshments					
8:30 - 10:00	<p><b>Opening Plenary Session - Introductions &amp; Welcome:</b> K. Ramesh Reddy, <i>Conference Co-Chair</i>; R. Eugene Turner, <i>Chair, INTECOL Wetlands Working Group</i>; Glenn Guntenspergen, <i>Conference Co-Chair</i>; G. Ronnie Best, <i>Conference Co-Chair</i>; <b>Welcome Remarks:</b> Jack Payne, <i>Senior Vice President for Agriculture &amp; Natural Resources, IFAS, University of Florida, USA</i>; <b>Keynote Address:</b> Senator Bob Graham, <i>Welcome to the State of Florida &amp; Everglades Restoration, USA</i> (Grand Sierra Ballroom D&amp;E)</p>					
10:00 - 10:30	Break (Caribbean Ballroom)					
10:30 - 12:00	Concurrent Sessions					
	1	2	3	4	5	6
Location	Grand Sierra Ballroom B	Grand Sierra Ballroom C	Antigua 1&2	Antigua 3&4	Bonaire 1&2	Bonaire 3&4
	2011 National Wetland Condition Assessment (Part 1 of 3)	Wetlands Science and Oil Spills - Ecological Effects (Part 1 of 2)	Novel Ecosystems: Invasive Species (Part 1 of 3)	Climate Change - Coastal Wetlands	Plant Microbial Interaction and Microbial Diversity in Wetlands	Carbon Sequestration
Moderator	Kelly Chinners Reiss	Scott Zengel	Joy Marburger	Susan-Marie Stedman	Pascal Boeckx	Kristin Byrd
10:30	Session Overview	Session Overview	Session Overview	Session Overview	Session Overview	Session Overview
10:40	<p><b>Mary Kentula</b> Reporting on Ecological Condition and Ecosystem Services for the 2011 National Wetland Condition Assessment</p>	<p><b>Qianxin Lin</b> Impacts of the Deepwater Horizon Oil Spill and Recovery of Structure and Function in Coastal Salt Marshes</p>	<p><b>Carrie Reinhardt Adams</b> Novel Ecosystems Persist Following Control of the Invasive Grass, <i>Phalaris arundinacea</i> (Reed Canary Grass)</p>	<p><b>Gijs van Dijk</b> Peatland Restoration in a Changing Climate: Risks and Chances of Salinization in Coastal Peatlands</p>	<p><b>Dries Huygens</b> Variation of Soil Microbial Community Structure and Activity along Ecohydrological Gradients</p>	<p><b>Hana Cizkova</b> Carbon Sequestration by a Temperate Sedge-grass Marsh</p>
11:00	<p><b>Lenore Vasilas</b> Natural Resources Conservation Service's Role in the National Wetland Condition Assessment</p>	<p><b>Steven Pennings</b> Disturbance and Recovery of Salt Marsh Arthropod Communities Following the Deepwater Horizon Oil Spill</p>	<p><b>Steven Travis</b> Cryptic Cattail Invasions in North American Wetlands: Impacts on Biodiversity</p>	<p><b>Camille Stagg</b> The Effect of Saltwater Intrusion on Belowground Decomposition</p>	<p><b>Lindsay Darjany</b> Characterization of Microbial Carbon Cyclers Using Stable Isotope Approaches</p>	<p><b>Joshua Breithaupt</b> Strengthening the Century-Scale Global Estimate of Mangrove Organic Carbon Burial Rates</p>
11:20	<p><b>Jenet Dooley</b> Level 1 Landscape Scale Analysis of Florida Wetland Condition</p>	<p><b>Giovanna McClenachan</b> Effects of Oil on the Rate and Trajectory of Louisiana Marsh Shoreline Erosion</p>	<p><b>Claude Lavoie</b> Common Reed (<i>Phragmites australis</i>) Stands in Freshwater Marshes: Biological Deserts Revisited</p>	<p><b>Lilia Gama</b> Climate change impacts on the wetlands of Tabasco, Mexico</p>	<p><b>Wyatt Hartman</b> Microbial Community Responses to Nutrient Enrichment in Wetland Soils</p>	<p><b>Kristin Byrd</b> Quantifying Wetland Carbon Sequestration Potential in the Great Plains for Three Greenhouse Gas Emission Scenarios</p>
11:40	<p><b>Mary Kentula</b> Reference Site Selection for the National Wetland Condition Assessment: Integrating Best Professional Judgment and Objective Selection Criteria</p>	<p><b>Micaleila Desotelle</b> Ecological Impacts of a Major Oil Sands Pipeline Spill into the Kalamazoo River and its Floodplain (Michigan)</p>	<p><b>John Volin</b> Functional Basis for Geographic Variation in Growth among Invasive Species: The Case of <i>Lygodium Microphyllum</i></p>	<p><b>Sam Pardo</b> Planning for Inland Migration of Coastal Wetlands Due to Sea Level Rise in Louisiana</p>	<p><b>Lucia Sekulova</b> Microbial Structure and Function in Fens: Responses to Climate Change</p>	<p><b>Christian Dunn</b> An Inconvenient 'Wetland' Truth – the Need to Consider Peatland-geoengineering Schemes</p>
12:00 - 1:30	Lunch (Pavilion)					

7:00 - 6:00	Registration Open; Exhibits & Posters on Display; Internet Café Open; Morning Refreshments					
8:30 - 10:00	<p><b>Opening Plenary Session - Introductions &amp; Welcome:</b> K. Ramesh Reddy, <i>Conference Co-Chair</i>; R. Eugene Turner, <i>Chair, INTECOL Wetlands Working Group</i>; Glenn Guntenspergen, <i>Conference Co-Chair</i>; G. Ronnie Best, <i>Conference Co-Chair</i>; <b>Welcome Remarks:</b> Jack Payne, <i>Senior Vice President for Agriculture &amp; Natural Resources, IFAS, University of Florida, USA</i>; <b>Keynote Address:</b> Senator Bob Graham, <i>Welcome to the State of Florida &amp; Everglades Restoration, USA</i> (Grand Sierra Ballroom D&amp;E)</p>					
10:00 - 10:30	Break (Caribbean Ballroom)					
10:30 - 12:00	Concurrent Sessions					
	7	8	9	10	11	12
Location	Bonaire 5&6	Bonaire 7&8	Curacao 1&2	Curacao 3&4	Curacao 5&6	Curacao 7&8
	Olentangy River Wetland Research Park: Investigating Wetland Ecosystem Services at Multiple Landscape Scales (Part 1 of 3)	Interrelationships Among Hydrological, Biodiversity and Land Use Features of the Pantanal (Brazil) and Everglades (Part 1 of 3)	Adaptive Management Water, Wetlands, and Watersheds (AM:w3) the Florida Experience (Part 1 of 2)	The Ramsar Convention and SWS - Linking Science to International Policy (Part 1 of 2)	Biogeochemistry	Wetland Fauna
Moderator	Li Zhang	Rudolf Jaffe	Mark Brown	Robert McInnes	Marjorie Zeff	Dale Gawlik
10:30	Session Overview	Session Overview	Session Overview	Session Overview	Session Overview	Session Overview
10:40	<p><b>Bill Mitsch</b> Identification and Enhancement of the Ecosystem Services from Created and Restored Wetlands: Olentangy River Wetlands to the Florida Everglades to the Planet</p>	<p><b>Robert Johnson</b> The Role of Science in Managing Pantanal and Everglades National Parks</p>	<p><b>Megan Brown</b> Vegetation Response to Feral Hog (<i>Sus scrofa</i>) Disturbance in Seepage Slope Wetlands</p>	<p><b>Max Finlayson</b> REDD+ and Wetlands: Wetland Human Interactions and the Need for Robust Science</p>	<p><b>Jan Kvet</b> The Effect of Nutrient Supply on the Primary Production and the Participation of <i>Phalaris arundinacea</i> in a Wet Grassland Plant Community</p>	<p><b>Dale Gawlik</b> Hydrologic Variability as a Global Driver of Colonial Waterbird Nesting</p>
11:00	<p><b>Chris Anderson</b> Changes in Forested Wetland Composition, Structure, and Processes Along a Tidal Gradient on the Apalachicola River, FL, USA</p>	<p><b>Vic Engel</b> Comparative Studies in Support of Sustainable Management of the Pantanal and the Everglades</p>	<p><b>David Pfahler</b> Balancing Economic and Environmental Production: The Role of Wetlands in Sustainable Regions</p>	<p><b>Jos Verhoeven</b> Water Quality Issues in Ramsar Wetlands</p>	<p><b>Joerg Schaller</b> Silicon Availability Modifies the C:N:P Stoichiometry and Contents of Carbon Compounds in Grasses</p>	<p><b>Nathan Dorn</b> Dry Disturbance and Fish Reduction Produce Enhanced Crayfish Densities in a Freshwater Wetland</p>
11:20	<p><b>Maria Hernandez</b> Carbon Sequestration in Coastal Freshwater Wetland Soils in Veracruz Mexico</p>	<p><b>Pierre Girard</b> Ecohydrological Background for the Conservation of Pantanal and Everglades National Parks</p>	<p><b>Sean King</b> Effects of Flow and Nitrogen on Filamentous Algae in Florida Spring-fed Rivers</p>	<p><b>Robert McInnes</b> Linking UN-HABITAT, the Ramsar Convention, Urban Wetlands and Ecosystem Services</p>	<p><b>Lorie Staver</b> <i>Spartina alterniflora</i> Marsh Development on Nutrient-rich Dredged Materials in a Large-scale Restoration Project in Mid-Chesapeake Bay: a Case of Silicon Depletion?</p>	<p><b>Jacoby Carter</b> Activity Patterns of Nutria (<i>Myocastor coypus</i>) in an Urban Pond</p>
11:40	Discussion	<p><b>Richard Weisskoff</b> Land-use Change and Water Management Associated with Societal and Ecological Developments in the Pantanal and the Everglades</p>	<p><b>Rachel Pawlitz</b> Rethinking Adaptive Management as a Science-Policy Bridge: How Do We Engineer the Bridge?</p>	<p><b>Rachael Thomas</b> Managing Environmental Flows to an Australian Ramsar Wetland, the Macquarie Marshes: Flooding Regimes for Wetland Vegetation</p>	<p><b>Robert Doyle</b> Nutrient Processing Within Coastal Prairie Wetlands: A Nexus to Galveston Bay, TX</p>	<p><b>Maria Fernanda Adame</b> Marine Subsidies Delivered by Birds to Mangrove Forests</p>
12:00 - 1:30	Lunch (Pavilion)					

Monday, June 4, 2012

Monday, June 4, 2012						
1:30 -3:00	Concurrent Sessions					
	13	14	15	16	17	18
Location	Grand Sierra Ballroom B	Grand Sierra Ballroom C	Antigua 1&2	Antigua 3&4	Bonaire 1&2	Bonaire 3&4
	<b>2011 National Wetland Condition Assessment (Part 2 of 3)</b>	<b>Wetlands Science and Oil Spills - Remediation, Damage Assessment, Restoration (Part 2 of 2)</b>	<b>Novel Ecosystems: Ecosystem Restoration and Management (Part 2 of 3)</b>	<b>Organic Soils</b>	<b>Trace Metals</b>	<b>Mississippi River Delta: Delta Deterioration and the Pathway Forward</b>
Moderator	<b>Kelly Chinners Reiss</b>	<b>Don Deis</b>	<b>Wiley Kitchens</b>	<b>Niko Rosskopf</b>	<b>Rick Black</b>	<b>Alisha Renfro</b>
1:30	<b>Session Overview</b>	<b>Session Overview</b>	<b>Session Overview</b>	<b>Session Overview</b>	<b>Session Overview</b>	<b>Session Overview</b>
1:40	<b>Christina Hargiss</b> The North Dakota Intensification of the NWCA: An Endeavor in Collaboration	<b>Scott Zengel</b> Deepwater Horizon Oil Spill: Salt Marsh Treatment Testing and Monitoring, Northern Barataria Bay, Louisiana	<b>Joel Trexler</b> Does the Everglades still exist?	<b>Niko Rosskopf</b> Soil Physical Properties of Organic Soils in Germany and their Relevance for the Climate Reporting	<b>David Krabbenhoft</b> Methylmercury Production in Everglades National Park: Biogeochemical Drivers and Implications for Restoration	<b>Brady Couvillion</b> Land Area Change in Coastal Louisiana 1932-2010
2:00	<b>Mary Boyd</b> Florida Participation in the National Wetland Condition Assessment	<b>Marla Steinhoff</b> Coastal Wetland Natural Resource Damage Assessment Plan for the Deepwater Horizon Oil Spill	<b>Wiley Kitchens</b> <i>Refugia</i> in a Novel Ecosystem: Everglades Snail Kite in Florida	<b>Dongqui Wang</b> Methane Emission from Estuarine Wetlands and the Effect of Wetland Plant	<b>Joerg Schaller</b> Metal/ Metalloid Accumulation/ Remobilization During Aquatic Litter Decomposition in Freshwater	<b>Alexander Kolker</b> A New Subsidence Curve for Mississippi River Delta Tide Gauges and its Implications for Coastal Restoration
2:20	<b>Virginia Baker</b> North Carolina National Wetland Conditional Assessment Site Descriptions, Rapid Assessment Results, and Method Evaluation	<b>Brittany Bernik</b> Salt Marsh Restoration Following an Oil Spill: Ecosystem Consequences of Genetic Variation	<b>Peter Frederick</b> Effects of Novel Water Regimes, Invasive Predators, and Contaminants on Population Dynamics of Wading Birds (Ciconiiformes) in the Everglades of Florida, USA	<b>Holger Fell</b> Mapping Organic Soils in Germany in the Frame of Climate Reporting	<b>Gintautas Zavadzkas</b> Demonstration Project for Mercury Abatement and Habitat Enhancement in the Miccosukee Tribe of Indians of Florida	<b>Aaron Bass</b> Meeting the Challenge of Barrier Island Restoration: An Overview of the LCA Terrebonne Basin Barrier Shoreline Restoration Planning Process
2:40	<b>Kelly Chinners Reiss</b> Florida's Use of Supplemental NWCA Funds to Inform Water Quality Standards Development	<b>Chris Cormack</b> Early Results and Guidance from a Coastal Habitat Restoration Project Twenty Years after the 1991 Gulf War Oil Spill	<b>Sue Galatowitsch</b> The Potential Effect of the Novel Ecosystem Concept on Wetland Restoration Planning and Evaluation	<b>Maria Hernandez</b> Methane and Nitrous Oxide Emissions in Freshwater Swamps and Marshes in Southeastern México	<b>Briam Bergamaschi</b> Tidal Flux of Dissolved Organic Carbon, Total Mercury, and Methylmercury from Shark River Estuary, Everglades National Park, USA	<b>Angelina Freeman</b> Integrating Science, Policy, and Stakeholder Outreach to Accelerate Restoration
3:00 - 3:30	Break (Caribbean Ballroom)					

Monday, June 4, 2012

Monday, June 4, 2012						
1:30 -3:00	Concurrent Sessions					
	19	20	21	22	23	24
Location	Bonaire 5&6	Bonaire 7&8	Curacao 1&2	Curacao 3&4	Curacao 5&6	Curacao 7&8
	<b>Olentangy River Wetland Research Park: Investigating Wetland Ecosystem Services at Multiple Landscape Scales (Part 2 of 3)</b>	<b>Interrelationships Among Hydrological, Biodiversity and Land Use Features of the Pantanal (Brazil) and Everglades (Part 2 of 3)</b>	<b>Adaptive Management Water, Wetlands, and Watersheds (AM:w3) the Africa Experience (Part 2 of 2)</b>	<b>The Ramsar Convention and SWS - Linking Science to International Policy (Part 2 of 2)</b>	<b>Patterns and Drivers of Peatland Carbon Storage</b>	<b>Scientific Evaluation of Wetland Restoration (Part 1 of 2)</b>
Moderator	<b>Bill Mitsch</b>	<b>Paulo Teixeira de Sousa</b>	<b>Mark Brown</b>	<b>Robert McInnes</b>	<b>Tiffany Troxler and Brian Benschoter</b>	<b>Nicholas Aumen</b>
1:30	<b>Session Overview</b>	<b>Session Overview</b>	<b>Session Overview</b>	<b>Session Overview</b>	<b>Session Overview</b>	<b>Session Overview</b>
1:40	<b>Ulo Mander</b> The Regulation of Greenhouse Gas Fluxes by Wetlands at Landscape Level	<b>Elise Pearlstine</b> Conceptual Model of Human and Natural Systems Interactions in the Agricultural and Ranching Areas in the Everglades and Pantanal	<b>Michael Murray-Hudson</b> Species Distribution Models for Investigating Potential Change in Floodplain Vegetation in Large Flood-Pulsed Tropical Wetlands	<b>Matthew Simpson</b> Socio-Economic Dimensions to Wetland Science	<b>Kimberly Wickland</b> Carbon Dynamics in High Latitude Peatlands: Effects of Permafrost Thaw	<b>Rebekah Gible</b> Performance Measures and Adaptive Management of the Florida Everglades
2:00	<b>Bill Mitsch</b> Carbon Export and Budget of Created Wetlands: Importance of Hydrology	<b>Elise Pearlstine</b> Habitat Use by Wildlife in Agricultural and Ranching Areas in the Pantanal and Everglades	<b>Narcisa Pricope</b> Time Series of Inundation in Flood-Pulsed Wetlands from Thermal and Radar Imagery	<b>Royal Gardner</b> The Intersection of Wetland Law, Policy and Science through the Ramsar Convention	<b>Evan Kane</b> Effects of Peatland Drainage on Dissolved Organic Carbon Quality and Quantity	<b>Donatto Surratt</b> Adapting Restoration Performance Measures to the A.R.M. Loxahatchee National Wildlife Refuge
2:20	<b>Blanca Bernal</b> Carbon Sequestration in Tropical Wetlands of Costa Rica	<b>Catia Nunes da Cunha</b> Landscape Ecology Approaches for the Conservation of Pantanal and Everglades Vegetation	<b>Olekae Thakadu</b> Predictors of Knowledge-Sharing Behaviors among Community-Based Natural Resources Organizations in the Okavango Delta, Botswana	<b>George Lukacs</b> Development of a New Framework of Cooperation between Ramsar STRP and SWS	<b>Danielle Watts</b> Hydrologic Modification and Peat Dynamics in the Everglades Ridge-Slough Mosaic	<b>Jimi Sadle</b> Evaluation of Vegetation Data as a Management Tool in Everglades National Park
2:40	<b>Doug Spieles</b> Seedling Recruitment in Variable Hydrologic Regimes	<b>Jennifer Rehage</b> Effects of Seasonal Hydrology on Fish Dynamics in Subtropical Freshwater Wetlands: A Comparative Study Between the Pantanal and the Everglades	<b>Deborah Wojcik</b> Communication, Social Networks, and Perceptions of Water and Wildlife in the Okavango Delta, Botswana	<b>Discussion</b>	<b>Avni Malhotra</b> Relating Self-Regulation with Ecosystem Structure and Function in Northern Peatlands	<b>Evelyn Gaiser</b> Ecosystem-Wide Assessment of Wetland Restoration Using Periphyton-Based Metrics
3:00 - 3:30	Break (Caribbean Ballroom)					

Monday, June 4, 2012

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3:30 - 5:00	Concurrent Sessions					
	25	26	27	28	29	30
Location	Grand Sierra Ballroom B	Grand Sierra Ballroom C	Antigua 1&2	Antigua 3&4	Bonaire 1&2	Bonaire 3&4
	<b>2011 National Wetland Condition Assessment (Part 3 of 3)</b>	<b>Hindcasts and Futurecasts Link Hydrology and Ecology in the Coastal Everglades</b>	<b>Novel Ecosystems: Climate Change and Summary (Part 3 of 3)</b>	<b>Tropical Floodplain Eco-systems: Comparative Analyses across Scales and Biomes</b>	<b>An Integrated Approach for Sustainable Use of Wetlands</b>	<b>Indicators for Wetland Monitoring and Assessment</b>
Moderator	Kelly Chinners Reiss	Catherine Langtimm	Beth Middleton	Len Berry	Wolfgang Junk	Patrick Hunt
3:30	Session Overview	Session Overview	Session Overview	Session Overview	Session Overview	Session Overview
3:40	<b>Erica Hernandez</b> Crosswalk of the Florida Wetland Condition Index within the National Wetland Condition Assessment	<b>Jiang Jiang</b> Predicting and Detecting Consequences of SLR and Storm Surges on Coastal Vegetation Regime Shifts	<b>Beth Middleton</b> Wetland Function and Composition in Novel Swamp Environments	<b>Stephen Hamilton</b> Tropical Floodplain Ecology: Australia Compared to South America	<b>Wolfgang Junk</b> Habitat Classification of Wetlands: a Powerful Tool for Research, Management and Protection	<b>Patrick Hunt</b> Denitrification Enzyme Activity in Mid-Atlantic Coastal Plain Wetlands
4:00	<b>Robert Compton</b> Basis for Developing Alternate Numeric Dissolved Oxygen Criteria for Florida's Freshwater Wetlands	<b>Dennis Krohn</b> Using Modern Hurricane Wind Data to Supplement Hydrodynamic Hindcast and Futurecast Models	<b>Sylvie de Blois</b> Projecting Wetland Plant Species Distribution in a Changing Climate	<b>Jorge Celi</b> Ecological Implications of Erratic Floods in Large River Floodplains of the Andean Amazon Region	<b>Catia Nunes da Cunha</b> Biodiversity and Management of Pantanal Wetlands: an Approach for the Sustainable Use of Brazilian Wetlands	<b>Neal Flanagan</b> Alteration of Riparian Plant Community Structure under Climate Change Scenarios: The Effects of Temperature and Hydroperiod
4:20	<b>Mick Micacchion</b> Improving Success Rates for Compensatory Wetland Mitigation Using Quantifiable Ecological Performance Standards Developed from Level 3 National Wetland Condition Assessment Data	<b>Eric Swain</b> Investigating Hydrologic Scenarios with Climate Change and Ecosystem Process Feedback Using Hindcast and Futurecast Modeling	<b>Martin Wassen</b> Novel Ecosystems: A European Perspective	<b>Tim Jardine</b> Food Webs of the Wet-dry Tropics: Multiple Sources of Primary Production Fuel Animal Biomass	<b>Paulo Teixeira de Souza</b> Bioprospection for the Sustainable Use of Wetlands	<b>Taylor Sloey</b> Environmental Constraints and Species Differences in Establishment and Expansion of Three Freshwater Tidal Marsh Plant Species
4:40	<b>Jamie Saxton</b> Lessons Learned from the 2011 National Wetland Condition Assessment	<b>Brad Stith</b> Futurecasting Effects of Sea Level Rise, Climate Change, and Restoration on Individual Species	<b>Arnold van der Valk</b> History and Implications of the Novel Ecosystem Concept	<b>Ronald Zurbrugg</b> Hydrological Drivers of Organic Matter Quality, Mineralization, and Export in a Tropical Dam-Impacted Floodplain System	<b>Michele Sato</b> Science and Culture on Education Communication Reinvention	<b>David Mahnken</b> Use of Indicator of Reduction in Soils (IRIS) Tubes as a Performance Measure in Wetland Restoration
5:30 - 6:30	<b>INTECOL &amp; SWS Plenary &amp; Awards (Grand Sierra Ballroom D&amp;E)</b> Master of Ceremonies - Greg Noe, Chair, SWS Awards Committee					
6:30 - 8:30	<b>Welcome Reception and Interactive Poster Presentations Session I (Caribbean Ballroom)</b>					

Monday, June 4, 2012

Monday, June 4, 2012						
3:30 - 5:00	Concurrent Sessions					
	31	32	33	34	35	36
Location	Bonaire 5&6	Bonaire 7&8	Curacao 1&2	Curacao 3&4	Curacao 5&6	Curacao 7&8
	<b>Olentangy River Wetland Research Park: Investigating Wetland Ecosystem Services at Multiple Landscape Scales (Part 3 of 3)</b>	<b>Interrelationships Among Hydrological, Biodiversity and Land Use Features of the Pantanal (Brazil) and Everglades (Part 3 of 3)</b>	<b>Integrating Biophysical and Economic Values of Wetlands</b>	<b>Impact of Peatland Fires on Ecosystem Function and Feedbacks to Climate: A Global Perspective (Part 1 of 2)</b>	<b>Invasive Species - Plants</b>	<b>Emerging Science in the Management of Wetlands (Part 2 of 2)</b>
Moderator	<b>Chris Anderson</b>	<b>Catia Nunes da Cunha</b>	<b>Mark Brown</b>	<b>Brian Bencotter &amp; Merritt Turetsky</b>	<b>Jennifer Sagan</b>	<b>Nicholas Aumen</b>
3:30	<b>Session Overview</b>	<b>Session Overview</b>	<b>Session Overview</b>	<b>Session Overview</b>	<b>Session Overview</b>	<b>Session Overview</b>
3:40	<b>Jorge Villa</b> Carbon Fate and Turnover and its Relationships with Phosphorous Retention in a Wetland Mesocosm Experiment	<b>Henry Briceño</b> Biogeochemical Segmentation and Derivation of Protective Numeric Nutrient Criteria for Coastal Everglades waters, South Florida	<b>Mark Brown</b> Integrating Biophysical and Economic Values of Wetlands	<b>Brian Bencotter</b> Fire and Carbon Cycling in Boreal North American Peatlands	<b>Steven Hess</b> Parallel Universes: Remarkable Similarities in the Siege of Invasive Species on Florida and Hawaii	<b>Angelique Bochnak</b> Hydrologic Influences on Water Quality in Blue Cypress Marsh Conservation Area
4:00	<b>Kay Stefanik</b> Vegetation Succession of Created Wetlands in Ohio	<b>Rudolf Jaffe</b> Dissolved Organic Matter in Large, Subtropical, Freshwater Wetlands: A Comparative Study Between the Pantanal, Everglades and Okavango Delta	<b>Damian Adams</b> Integrating Biophysical and Economic Values of Wetlands: Recent Advances in Ecosystem Service Valuation	<b>Merritt Turetsky</b> The Burning of Northern Peatlands: Are we Approaching a Tipping Point?	<b>Brad Mudrzynski</b> Habitats Invaded by European Frogbit ( <i>Hydrocharis morsus-ranae</i> ) in Lake Ontario Coastal Wetlands	<b>Melissa Martin</b> Understanding the Invasion and Management of <i>Melaleuca quinquenervia</i> from Top-down to Bottom-up
4:20	<b>Li Zhang</b> Wetland Carbon Dynamics in the Eastern Tibetan Plateau	<b>Scott Markwith</b> The Influence of Abiotic and Biotic Seed Dispersal Vectors on Vegetation Structure in the Everglades and Pantanal	<b>Christopher Craft</b> Ecosystem Services of Restored Freshwater Wetlands of the Agricultural Midwest: Measurement and Valuation	<b>Guillermo Rein</b> Smoldering Mega-Fires in Wetlands and Positive Feedbacks to the Climate System	<b>Chunfu Tong</b> Effects of Introduced <i>Spartina alterniflora</i> on the Benthic and Aerial Macroinvertebrates in the Salt Marsh	<b>Todd Osborne</b> Soil Nutrient Storage and Cycling in the Restored Kissimmee River Floodplain
4:40	<b>Discussion</b>	<b>Discussion</b>	<b>Jae-Young Ko</b> Money and Embodied Energy-Based Valuations for Wetlands Utilization of Wastewater Treatment	<b>James Reardon</b> Smoldering Combustion of Organic Soils on the North Carolina Coastal Plain	<b>Drew Kerr</b> Endangered Species Recovery vs. Eradication of an Invasive Ecosystem Engineer: The Surprising Story of the Invasive <i>Spartina</i> Project	<b>Paul McCormick</b> Water Quality Constrains Hydrologic Management Options for a Northern Everglades Peatland
5:30 - 6:30	<b>INTECOL &amp; SWS Plenary &amp; Awards (Grand Sierra Ballroom D&amp;E)</b> Master of Ceremonies - <b>Greg Noe</b> , Chair, SWS Awards Committee					
6:30 - 8:30	<b>Welcome Reception and Interactive Poster Presentations Session I (Caribbean Ballroom)</b>					

8:00 - 6:00	Registration Open; Exhibits & Posters on Display; Internet Café Open; Morning Refreshments					
9:00 - 10:00	<p align="center"><b>Plenary Session - Ecosystem Services</b>  <b>Moderator: Glenn Guntenspergen</b>  <b>Plenary Speakers:</b>                  Jan Kvet, University of South Bohemia, Czech Republic – <i>"Interactions between Human Activities and the Structure and Functioning of Wetland Ecosystems"</i>                  Brij Gopal, Centre for Inland Waters in South Asia - National Institute of Ecology, India – <i>"Whither Wetland Conservation? A View from Developing Countries"</i> (Grand Sierra Ballroom D&amp;E)</p>					
10:00 - 10:30	Break (Caribbean Ballroom)					
10:30 - 12:00	Concurrent Sessions					
	37	38	39	40	41	42
Location	Grand Sierra Ballroom B	Grand Sierra Ballroom C	Antigua 1&2	Antigua 3&4	Bonaire 1&2	Bonaire 3&4
	GEER Plenary Session – Restoring the Heart of the Everglades	Climate Change Management	Ecology of Tree Islands in the Everglades	Plant-nutrient Interactions in Tropical Wetlands	Mercury Fate, Transport & Bioaccumulation in Wetlands (Part 1 of 3)	Linking Microbial Community Structure to Greenhouse Gas Emissions from Wetlands
Moderator	G. Ronnie Best	Lance Gunderson	Sharon Ewe	Omar Lopez	Christopher Knightes	Paul Bodelier
10:30	Session Overview	Session Overview	Session Overview	Session Overview	Session Overview	Session Overview
10:40	<p><b>Shannon Estenoz</b>  <b>Col. Al Pantano</b>  <b>Melissa Meeker</b>  <b>Dan Kimball</b></p> <p>This panel will focus on bringing restoration to the heart of the Everglades. Panelists will discuss opportunities for collaboration of federal, state and local partners to merge water quality, water quantity and greater flow through the Central Everglades</p>	<p><b>Lance Gunderson</b>                  Managing Crises, Climate Change and Ecological Resilience in Complex Resource Systems</p>	<p><b>Sharon Ewe</b>                  Ecological Patterns and Processes in Ghost Tree Islands of the Everglades</p>	<p><b>Alexander Cheesman</b>                  Plant–Nutrient Interactions in a Neotropical Ombrotrophic Peatland</p>	<p><b>David Krabbenhoft</b>                  Methylmercury Production in Everglades National Park: Biogeochemical Drivers and Implications for Restoration</p>	<p><b>Stephen McAlister</b>                  Linking Methane Production Rate to Methanogen Community Structure in Peatland Soils</p>
11:00		<p><b>Matteo Convertino</b>                  Enhanced Adaptive Management for Everglades in Response to Climate Change</p>	<p><b>Daniel Irick</b>                  Soil Phosphorus Characteristics in Tree Islands of the Florida Everglades</p>	<p><b>Ilka Feller</b>                  Latitudinal Variations in Ecological Stoichiometry in Mangrove Communities: What is the Impact of Nutrient Loading on Canopy and Benthic Food Webs?</p>	<p><b>George Aiken</b>                  Understanding the Dissolved Organic Matter-Mercury Connection in Wetlands: Lessons from the Florida Everglades</p>	<p><b>Irina Kravechenko</b>                  Methane Emission and Microbial Communities of the Methane Cycle in Natural and Drained Peatlands</p>
11:20		<p><b>Jane Chambers</b>                  Climate Change and Western Australian Aquatic Ecosystems: Impacts and Adaptation</p>	<p><b>Sonali Saha</b>                  The Influence of Salinity on Coastal Hammocks in Everglades National Park</p>	<p><b>Christine Pickens</b>                  Considering Nitrogen and Black Mangrove (<i>Avicennia germinans</i>) In Context: Lessons Learned</p>	<p><b>Paul Bradley</b>                  Hydrologic Controls on Methylmercury Transport from Wetlands to Stream in Coastal Plain Basins</p>	<p><b>Susannah Tringe</b>                  Microbial Communities in Restored Freshwater Wetlands</p>
11:40		<p><b>Jan Pokorny</b>                  Water and Plants Regulate Temperature and Local Climate</p>	<p><b>Susana Stoffella</b>                  Hydrology, Substrate Type and Density Effects on Species Growth and Survival in Created Everglades Tree Islands</p>	<p><b>Laurel Larsen</b>                  A Test of the Nutrient Redistribution Hypothesis in the Everglades Ridge and Slough Landscape</p>	<p><b>Karen Riva-Murray</b>                  Mercury Bioaccumulation by Macroinvertebrates and Fishes of Streams in Contrasting Landscapes</p>	<p><b>Andrew Ogram</b>                  Life at the Front: Microbial Ecology of Shifting Nutrient Limitations and Methanogenesis in the Northern Everglades</p>
12:00 - 1:30	Lunch (Pavilion)					

8:00 - 6:00	Registration Open; Exhibits & Posters on Display; Internet Café Open; Morning Refreshments					
9:00 - 10:00	<p style="text-align: center;"><b>Plenary Session - Ecosystem Services</b>  <b>Moderator: Glenn Guntenspergen</b>  <b>Plenary Speakers:</b>                  Jan Kvet, University of South Bohemia, Czech Republic – <i>"Interactions between Human Activities and the Structure and Functioning of Wetland Ecosystems"</i>                  Brij Gopal, Centre for Inland Waters in South Asia - National Institute of Ecology, India – <i>"Whither Wetland Conservation? A View from Developing Countries"</i> (Grand Sierra Ballroom D&amp;E)</p>					
10:00 - 10:30	Break (Caribbean Ballroom)					
10:30 - 12:00	Concurrent Sessions					
	43	44	45	46	47	48
Location	Bonaire 5&6	Bonaire 7&8	Curacao 1&2	Curacao 3&4	Curacao 5&6	Curacao 7&8
	The Ecology of Livelihoods in Papyrus Wetlands: Ecosystem Functions, Services and Livelihoods (Part 1 of 3)	Measurement of Greenhouse Gas Emissions from Wetlands (Part 1 of 3)	Success Strategies for Graduate School and Beyond	Impact of Peatland Fires on Ecosystem Function and Feedbacks to Climate: A Global Perspective (Part 2 of 2)	Wetland Management	Wetlands: Extension/ Outreach
Moderator	Anne van Dam	Ken Krauss	Lisa Chambers	Brian Benschoter & Merritt Turetsky	Laura Brandt	ML Robinson
10:30	Session Overview	Session Overview	Session Overview	Session Overview	Session Overview	Session Overview
10:40	Priscah Rongoei Response of Papyrus Wetland Ecosystem to Seasonal Changes in Hydrology and Livelihood Pressures	Robert Twilley Net Ecosystem Carbon Exchange of Mangroves: Complexities in Developing Global Budgets	Julia Cherry The Importance of Mentoring for Student Success in the Sciences	Adam Watts Scale-Dependent Microclimate Effects of Wetland Wildfire	Damian Walters Making Science Real - Using State of Environment Reporting to Improve Wetland Practice	Jane Awl Modernizing U.S. National Standards for the Classification and Mapping of Wetlands
11:00	Patrick Khisa Groundwater-Surface Water Interactions in a Papyrus Wetland	Catherine Lovelock Variable Effects of Nutrient Enrichment on Soil Respiration in Mangrove Forests	Mark Clark Taking Your Science to the General Public: The Extension Model	Ana Rappold Peat Bog Wildfire Smoke Exposure in Rural North Carolina is Associated with Cardio-Pulmonary Emergency Department Visits	Brian Nicholson Defining Wetland Health: A Foundation for Conservation Planning	Patricia Chow-Fraser URBAN, a Citizen-Science Program Based in Hamilton, Ontario
11:20	Ilya Maclean Birds, People and Papyrus Swamps: Balancing Livelihoods and Biodiversity Conservation	Jackie Batson Soil CO <sub>2</sub> and CH <sub>4</sub> Emissions and Carbon Budgeting in Dry Floodplain Wetlands	Discussion Panel: Taking the Next Step: Tips for Navigating the Post Graduate Job Market Participants: <b>Camille Stagg</b> (USGS), <b>Ariana Sutton-Grier</b> (NOAA), <b>Lisa Chambers</b> (University of Florida), <b>Jason Keller</b> (Chapman University), <b>Kim de Mutsert</b> (George Mason University)	Matthew Warren Tropical Peatlands of Southeast Asia: Functions, Threats, and the Role of Fire in Climate Change Mitigation	Guilherme M. O. Abuchahla Building up Resilience for Climate Change in a Coastal Community of Tamil Nadu, India	Charles Andrew Cole Schoolyard Wetlands: Creating Aquatic Spaces For Learning
11:40	Edwin Hess Effect of Vegetation Harvesting on Nitrogen and Phosphorous Cycling in Rooted Papyrus Wetlands	Patrick Megonigal Approaches and Limitations to Quantifying Plant Regulation of Methane Emissions		Panel Discussion & Synthesis	Alan Dixon Local Institutional Arrangements for Wetland Management in Ethiopia and Malawi	Lawrence Handley Wetlands Inventory and Monitoring Using Citizen Scientists through Crowd Sourcing
12:00 - 1:30	Lunch (Pavilion)					

Tuesday, June 5, 2012

Tuesday, June 5, 2012						
1:30 -3:00	Concurrent Sessions					
	49	50	51	52	53	54
Location	Grand Sierra Ballroom B	Grand Sierra Ballroom C	Antigua 1&2	Antigua 3&4	Bonaire 1&2	Bonaire 3&4
	<b>Tradeoffs in Wetland Ecosystem Services in Working Landscapes - Conceptual Frameworks (Part 1 of 2)</b>	<b>Ecosystem Models &amp; Adaptive Management (Part 1 of 2)</b>	<b>Graduate Student Research on Wetland Complexity in the Florida Coastal Everglades (Part 1 of 2)</b>	<b>Colonization of Wetland Habitat: Succession in Restored Habitats (Part 1 of 2)</b>	<b>Mercury Fate, Transport &amp; Bioaccumulation in Wetlands (Part 2 of 3)</b>	<b>Linkages - Microbial Communities and Biogeochemistry (Part 1 of 2)</b>
Moderator	<b>Hilary Swain</b>	<b>Stephanie Romanach</b>	<b>Rebecca Garvoille</b>	<b>Dennis Whigham</b>	<b>Paul Bradley</b>	<b>Paul Bodelier</b>
1:30	<b>Session Overview</b>	<b>Session Overview</b>	<b>Session Overview</b>	<b>Session Overview</b>	<b>Session Overview</b>	<b>Session Overview</b>
1:40	<b>Elizabeth Boughton</b> <b>Hilary Swain</b>  Trade-offs in Wetland Ecosystem Services: Identification, Spatial Scale and Management Implications	<b>Fred Sklar</b> Application of Adaptive Management for Wetland Restoration: An Overview of a Large-Scale Everglades Physical Model	<b>Ross Boucek</b> Resource Partitioning among Three Mesocosm Consumers at a Marsh Mangrove Ecotone: A Response to a Seasonal Resource Pulse Subsidy	<b>Mary Leck</b> Dispersal Potential of a Tidal River: Wetlands. Colonization of a Created Tidal Freshwater Marsh on the Delaware River, USA	<b>Christopher Knightes</b> Modeling Mercury Exposure at Different Scales in the McTier Creek Watershed and Edisto River Basin, SC, USA	<b>Jessica Moon</b> Nitrogen Cycling in Headwater Wetlands across Condition Gradients in Pennsylvania and Ohio
2:00	<b>Ned Euliss</b> Sustaining Wetlands in Working Landscapes: Using Functional Processes to Inform Tradeoff Decisions	<b>H. Carl Fitz</b> Model Analysis of Eutrophication Constraints on an Everglades Restoration Project	<b>Kristie Wendelberger</b> Detecting Long-term Plant Community Shifts in Response to Sea Level Rise and Everglades' Restoration	<b>Metthea Yepsen</b> Vegetation Patterns in Prior Converted, Restored, and Reference Wetlands in the U.S. Mid-Atlantic Coastal Plain	<b>Heather Golden</b> Mercury Dynamics in a Coastal Plain Watershed: A Multiple Model Approach	<b>Hendrikus Laanbroek</b> The Effect of Hydrology on the Distribution of Ammonia-Oxidizing Betaproteobacteria in Impounded Black Mangroves ( <i>Avicennia Germinans</i> )
2:20	<b>Diane De Steven</b> Restoring Southeastern Wetlands through the Wetlands Reserve Program: Ecological and Programmatic Trade-offs	<b>Walter Wilcox</b> Tools for Broader-scale Everglades Hydrologic Analysis and Planning	<b>Mehrnoosh Mahmoudi</b> Effect of Hydrologic Conditions and Sediment Transport on Wetland Patterning	<b>Karin Kettenring</b> Reproduction, Dispersal, Emergence, and Establishment of <i>Phragmites australis</i> in Disturbances in Chesapeake Bay Tidal Wetlands	<b>Paul Conrads</b> Evaluation of Mercury Loads from Climate Change Projections for McTier Creek, South Carolina	<b>Bram Mulling</b> Microbial Community Changes During Residence of Treated Wastewater in a Constructed Wetland
2:40	<b>Jos Verhoeven</b> Wetland Ecosystem Services in Agricultural Landscapes: Opportunities and Risks	<b>Christa Zweig</b> Ridge And Slough Multistate Modeling For Landscape Management	<b>David Lagomasino</b> Seasonal Water Chemistry and Spectral Reflectance in Coastal Mangroves	<b>Susan Galatowitsch</b> Barriers to Colonization in Sedge-Dominated Wetlands	<b>Paul Bradley</b> Landscape Controls on Total and Methyl Hg in the Upper Hudson River Basin, New York, USA	<b>Pieter Vandermeeren</b> Microbial Degradation of Pesticides in Wetlands: Effects of Season Bound Changes
3:00 - 3:30	Break (Caribbean Ballroom)					

Tuesday, June 5, 2012

Concurrent Sessions						
	55	56	57	58	59	60
Location	Bonaire 5&6	Bonaire 7&8	Curacao 1&2	Curacao 3&4	Curacao 5&6	Curacao 7&8
	<b>The Ecology of Livelihoods in Papyrus Wetlands: Ecosystem Functions, Services and Livelihoods (Part 2 of 3)</b>	<b>Measurement of Greenhouse Gas Emissions from Wetlands (Part 2 of 3)</b>	<b>Symposium on Wetland Delineation and Regionalization (Part 1 of 2)</b>	<b>Fire: Shaping Wetlands from Nutrients to Wildlife (Part 1 of 4)</b>	<b>Mapping and Monitoring Large Wetland Systems and Biophysical Properties with Earth Observation Satellite Imagery (Part 1 of 2)</b>	<b>The Unique and Complex Relationships Between Natural Wetland and Upland Habitats and Phosphate Mining (Part 1 of 2)</b>
<b>Moderator</b>	<b>J.B. Okeyo-Owuor</b>	<b>Kevin Kroeger</b>	<b>Jacob Berkowitz</b>	<b>Adam Watts</b>	<b>Thiago Silva and Maycira Costa</b>	<b>Kym Rouse Campbell</b>
1:30	<b>Session Overview</b>	<b>Session Overview</b>	<b>Session Overview</b>	<b>Session Overview</b>	<b>Session Overview</b>	<b>Session Overview</b>
1:40	<b>Yasir Mohamed</b> Impact of Climate Variability on the Hydrology of the Sudd Wetland: Signals Derived From Long-term (1910 to 2010) Water Balance Computations	<b>John Marton</b> Quantifying the Effects of Salinity and Water Level on Greenhouse Gas Emissions Using Two Different Approaches: Laboratory Incubations Versus in situ Measurements	<b>Jacob Berkowitz/ Paul Minkin</b> Regionalizing the Corps of Engineers Wetland Delineation Manual - The Role of the National Technical Committee for Wetland Vegetation	<b>Patrick Inglett</b> The Impact of Fire on Soil and Plant Nutrients in Calcareous Subtropical Wetlands	<b>Bruce Chapman</b> Mapping Floodplain Dynamics of the Amazon River Basin Using the Space-borne ALOS PALSAR Synthetic Aperture Radar	<b>Kristen Nowak</b> Environmental Benefits of Stream Restoration on Phosphate Mined Lands
2:00	<b>Gretchen Gettel</b> Controls of Denitrification in Papyrus Wetlands of the Nyando and Mara Rivers, East Africa	<b>Justin Meschter</b> Quantifying Soil Greenhouse Gas Fluxes in Relation To Inundation, Salt-Water Intrusion and Microbial Respiration in Tidal Wetlands	<b>Robert Lichvar</b> Bringing Science and Technology to the National Wetland Plant List	<b>Jay Sah</b> Fire and Flooding Interactions: Vegetation Trajectories in the Southern Everglades Marl Prairies, Florida, USA	<b>Patricia Kandus</b> Monitoring Spartina Marshes in the Argentine Coast: Integrating Biophysical Parameters, Hyperspectral Field Data and Satellite Observations	<b>Mark Rains</b> Hydrology of Clay Settling Areas and Surrounding Landscapes in the Phosphate Mining District, Peninsular Florida
2:20	<b>Rose Kaggwa</b> The Effects of Wastewater Discharge, Agriculture and Papyrus Harvesting on the Nutrient Regulation Function of Namatala Wetland, Uganda	<b>Kevin Kroeger</b> Blue Carbon in Wetlands: Consideration of Lateral and Vertical Greenhouse Gas Fluxes	<b>Jennifer Gilrich</b> Developing a National Standard for Challenges to the National Wetland Plant List	<b>Liao Xiaolin</b> Fire Effects on the Nitrogen Cycle in Calcareous Wetlands of the Florida Everglades	<b>Teresa Evans</b> Land Cover Classification and Seasonal Inundation of the Pantanal of South America Using Multi-SAR Imagery and an Object Based Image Analysis Approach	<b>Tyler Nicoll</b> Potential Benefits of Incorporating Biochar, a Soil Amendment, into Wetland Reclamation
2:40	<b>Serena Nasongo</b> Institutions and Governance: Commercialization of Wetland Resources and its Effect on Traditional Institutions in the Nyando Papyrus Wetlands, Kenya	<b>Vincent Gauci</b> Considering Scale When Assessing Wetland Methane Emissions: Wetland Forest Soils versus Wetland Forests	<b>Lindsey Dixon</b> Wetland Characteristics of Glacially Derived Boulder Fields in the Northeastern United States	<b>Cassandra Medvedeff</b> Response of Microbial Activity, Respiration and Methanogenesis to Fire Residues (Ash and Char) in Two Contrasting Subtropical Wetland Soils	<b>Viviane Reno</b> Deforestation Evolution in the Amazon Floodplain	<b>Discussion</b>
3:00 - 3:30	Break (Caribbean Ballroom)					

Tuesday, June 5, 2012

Tuesday, June 5, 2012						
3:30 -5:00	Concurrent Sessions					
	61	62	63	64	65	66
Location	Grand Sierra Ballroom B	Grand Sierra Ballroom C	Antigua 1&2	Antigua 3&4	Bonaire 1&2	Bonaire 3&4
	<b>Tradeoffs in Wetland Ecosystem Services in Working Landscapes - Biodiversity and Hydrologic Services (Part 2 of 2)</b>	<b>Ecosystem Models &amp; Adaptive Management (Part 2 of 2)</b>	<b>Graduate Student Research on Wetland Complexity in the Florida Coastal Everglades (Part 2 of 2)</b>	<b>Colonization of Wetland Habitat: Plant Dispersal and Establishment (Part 2 of 2)</b>	<b>Mercury Fate, Transport &amp; Bioaccumulation in Wetlands (Part 3 of 3)</b>	<b>Linkages - Microbial Communities and Biogeochemistry (Part 2 of 2)</b>
Moderator	<b>Elizabeth Boughton</b>	<b>Carol Mitchell</b>	<b>Kristie Wendelberger</b>	<b>Jos Verhoeven</b>	<b>Paul Bradley</b>	<b>Chris Craft</b>
3:30	<b>Session Overview</b>	<b>Session Overview</b>	<b>Session Overview</b>	<b>Session Overview</b>	<b>Session Overview</b>	<b>Session Overview</b>
3:40	<b>Chris Joyce</b> Effects of Raised Water Levels on Wet Grassland Plant Communities in Southern England	<b>Scott Leibowitz</b> Connectivity of Wetlands to Downstream Waters: Conceptual Framework and Review	<b>Rebecca Garvoille</b> Encountering Culture in Restoration: Understanding Cultural Tensions in the Florida Everglades and Beyond	<b>Gudrun Bornette</b> Urban Wetlands: Propagule Banks in Aquatic Wetland Ecosystems: Disturbances as a Key Process	<b>William Orem</b> Modeling the Effects of Sulfate Loading and Methylmercury Production in the Everglades	<b>David Berrier</b> The Effect of Saltwater Intrusion on Microbial Community Structure and Function in a Tidal Freshwater Marsh
4:00	<b>Lauchlan Fraser</b> The Effects of Cattle Grazing on Breeding Waterfowl in Intermountain Depressional Wetlands	<b>Craig Conzelmann</b> Visualizing Upper Trophic and Ecosystem Modeling Outputs with EverVIEW to Inform the Decision Process in Coastal Louisiana	<b>Carrie Rebenack</b> Seasonality and Disturbance Events in the Carbon Isotope Record of <i>Pinus elliottii</i> Tree Rings from Big Pine Key, Florida	<b>David Gowing</b> The Dynamics of Species-rich Meadows on UK Floodplains	<b>Christopher Knightes</b> Linking Atmospheric Mercury Deposition to Human and Wildlife Exposure (Source to Receptor) by Coupling VELMA and WASP with BASS to Simulate	<b>Kathryn Pierfelice</b> Linkages between Microbial Biomass and Litter Decomposition in Tidal Forested Wetlands
4:20	<b>Patrick Bohlen</b> Assessing Tradeoffs Among Wetland Ecosystem Services in a Payment-for-Ecosystem-Services Program on Florida Ranchlands	<b>Leonard Pearlstine</b> Modeling Coastal Vegetation Community Succession using the Everglades Landscape Vegetation Succession Model	<b>Lisa Chambers</b> Biogeochemical Effects of Saltwater Intrusion and Increased Inundation on Everglades Peat Soil	<b>Norbert Hölzel</b> Colonization and Succession in Restored Wet Grasslands: Lessons from Long-term Experiments	<b>Peter Kalla</b> Biogeochemical and Community Structural Controls on Mercury in Everglades Food Webs	<b>Megan Steinweg</b> Temperature Sensitivity of Enzyme Activity at Depth in a Bog at Marcell Experimental Forest, MN, USA
4:40	<b>Sanjay Shukla</b> Hydroecologic Modeling and Decisions Support System for Evaluating Environmental Services from Ranchlands in the Northern Everglades	<b>Allison Shideler</b> Hypothesis Testing of Everglades Marsh Community Interactions Using Structural Equation Modeling	<b>Evelyn Gaiser</b> Panel Discussion	<b>Joseph Shisler</b> Saltmarsh Ecosystem Restoration on Intertidal/Submerged Cap in an Urban System	<b>John Johnston</b> MERGANSER – An Empirical Model to Predict Fish and Loon Mercury in New England Lakes	<b>Ember Morrissey</b> Linking Organic Matter Breakdown to Abundance and Community Composition of Denitrification and DNRA Microorganisms in Tidal Wetlands
5:00 - 6:00	<b>Society of Wetland Scientists Professional Certification Program (SWSPCP) - Information Session</b> - Attend this session to learn more about becoming a Certified Wetlands Professional. Certification signifies that your academic and work experience meet the standards expected of a practicing wetland professional and provides acknowledgment to your peers of your adherence to the professional ethics of the Society of Wetland Scientists Professional Certification Program. (Grand Sierra Ballroom C)					

Tuesday, June 5, 2012

Tuesday, June 5, 2012						
3:30 -5:00	Concurrent Sessions					
	67	68	69	70	71	72
Location	Bonaire 5&6	Bonaire 7&8	Curacao 1&2	Curacao 3&4	Curacao 5&6	Curacao 7&8
	<b>The Ecology of Livelihoods in Papyrus Wetlands: Interdisciplinary Approaches for Improved Governance (Part 3 of 3)</b>	<b>Measurement of Greenhouse Gas Emissions from Wetlands (Part 3 of 3)</b>	<b>Symposium on Wetland Delineation and Regionalization (Part 2 of 2)</b>	<b>Fire: Shaping Wetlands from Nutrients to Wildlife (Part 2 of 4)</b>	<b>Mapping and Monitoring Large Wetland Systems and Biophysical Properties with Earth Observation Satellite Imagery (Part 2 of 2)</b>	<b>The Unique and Complex Relationships Between Natural Wetland and Upland Habitats and Phosphate Mining (Part 2 of 2)</b>
Moderator	Fred Zaal	Scott Neubauer	Jacob Berkowitz	Cassandra Medvedeff	Lisa-Maria Rebelo and Maycira Costa	Kym Rouse Campbell
3:30	Session Overview	Session Overview	Session Overview	Session Overview	Session Overview	Session Overview
3:40	<b>Paul Ouedraogo</b> Wetland Policy Development in Rwanda: from Wetland Inventory to Legislation for Sustainable Use	<b>Alex Chow</b> Quantifying Halocarbon Contributions to Greenhouse Gas Emissions from Wetland Soils	<b>Steve Eggers</b> A Complex Wetland Delineation Involving a Ditched Wetland in the Twin Cities, Minnesota, USA	<b>Adam Watts</b> Smoldering Cypress Swamp Soils: Moisture Effects and Implications for Forest Structure	<b>Richard Lucas</b> Use of ALOS PALSAR for Regional Mapping and Monitoring of Mangroves	<b>Adam Platt</b> Using Reclaimed Phosphate Lands for Water Treatment and Aquifer Recharge
4:00	<b>István Zsuffa</b> Overview of Results from the EU-WETwin Project with Special Reference to Ugandan Papyrus Wetlands	<b>Jordan Barr</b> Mangrove Ecosystem Function and Response to Climate Change	<b>Justin Bailey</b> Multi-Scale Monitoring of Potential Groundwater Withdrawal Impacts Using Delineation Methodology; Lower Platte River, Nebraska	<b>Jim Snyder</b> Mass Mortality of Hardwood Shrubs after a Single Fire in Seasonally Flooded Prairie	<b>Pedro Souza-Filho</b> Multi-temporal Mapping of the Largest Continuous Amazonian Mangrove Belt Using Object-Based Classification of Multisensor Images	<b>Sandra Patrick</b> Mosaic Fertilizer's Wellfield: Habitat Restoration, Conservation and Growing the Florida Scrub Jay
4:20	<b>Julius Kipkemboi</b> Integration of Ecological, Hydrological and Socio-Economic Data into a Bayesian Network Model for the Sustainable Utilization of Papyrus Wetlands	<b>Lisamarie Windham-Myers</b> Why do Restored Temperate Peatlands Sequester so Much Carbon? Insights from Comparing CO <sub>2</sub> Fluxes Using Eddy Covariance, Static Chamber, and Leaf Exchange Approaches	<b>Sarah Soard</b> Use of the Prevalence Index to Determine Plant Community Trends Related to Groundwater Withdrawal, Lower Platte River, Nebraska	<b>John Jones</b> Tracking Everglades Fire Scar Vegetation Recovery through Archival Landsat Image Interpretation	<b>Marc Simard</b> Maps of Canopy Height and Biomass of All Mangrove Forests of the Americas	<b>Joseph Nicolette</b> A Demonstration of an Ecosystem Services Valuation Methodology for Reclaimed Phosphate Mined Lands
4:40	<b>Fred Zaal</b> Session Summary and Conclusions	<b>Eric Sundquist</b> Rapid Assessment of Carbon Storage and Sequestration Capacity in U.S. Wetlands	<b>Panel Discussion</b>	<b>Paul Gagnon</b> Effects of Fire on River Cane ( <i>Arundinaria gigantea</i> ) in a Bottomland Hardwood Forest Four Years After Burning	<b>Etienne Fluet-Chouinard</b> Development of a New High-Resolution Global Inundation Map	<b>Discussion</b>
5:00 - 6:00	<b>Society of Wetland Scientists Professional Certification Program (SWSPCP) - Information Session</b> - Attend this session to learn more about becoming a Certified Wetlands Professional. Certification signifies that your academic and work experience meet the standards expected of a practicing wetland professional and provides acknowledgment to your peers of your adherence to the professional ethics of the Society of Wetland Scientists Professional Certification Program. (Grand Sierra Ballroom C)					

8:00 - 6:00	Registration Open; Exhibits & Posters on Display; Internet Café Open; Morning Refreshments					
9:00 - 10:00	<p align="center"><b>Plenary Session - Governance of Large Scale Ecosystems &amp; Global Wildlife and Wetlands</b>  <b>Moderator: G. Ronnie Best</b>  <b>Plenary Speakers:</b>                  Richard Beilfuss, International Crane Foundation, USA – "Wetlands, Water, and Climate—Perspective from Southern Africa"                  Lynn Scarlett, Leading Environmental Policy Analyst, USA – "Coastal and Wetlands Management: Challenges of Shared Governance" (Grand Sierra Ballroom D&amp;E)</p>					
10:00 - 10:30	Break (Caribbean Ballroom)					
10:30 - 12:00	Concurrent Sessions					
	73	74	75	76	77	78
Location	Grand Sierra Ballroom B	Grand Sierra Ballroom C	Antigua 1&2	Antigua 3&4	Bonaire 1&2	Bonaire 3&4
	Wetlands Governance and Legal Framework (40)	Everglades Nutrients and Water Quality	Habitat Management and Ecological Research in the Northern Everglades	Connectivity of Wetland Networks in the Landscape	Role of Best Management Practices in Non-point Source Pollution Control and Wetland Protection	Biogenic Gas Emissions from Peatlands: The Importance of Tropical and Sub-tropical Ecosystems (Part 1 of 3)
Moderator	Stanley Liphadzi and Harrison Pienaar	John White	Rebekah Gibble	James Jawitz and Matthew Cohen	Samira Daroub	Xavier Comas
10:30	Session Overview	Session Overview	Session Overview	Session Overview	Session Overview	Session Overview
10:40	<b>Douglas Fisher</b> Wetlands Governance: Aligning Legal Doctrine with Biological Diversity	<b>Susan Newman</b> Restoring Ecosystem Function in the P-Enriched Everglades: Creating an Alternate Regime	<b>Jon Wallace</b> The Integration of Science and Fire Management at the Loxahatchee National Wildlife Refuge	<b>Georgia Destouni</b> Hydro-Biogeochemical and Environmental-Management Functions of Wetland Networks in Landscapes	<b>Patrick Bohlen</b> Wetlands as a Key to Water Quality Best Management Practices on Florida Ranchlands	<b>Len Scinto</b> Carbon Budget Estimation from Everglades Tree Islands: Balancing Soil Accretion and CO2 Efflux
11:00	<b>Wei-Ta Fang</b> County-based Governance of Participatory Restoration and Survey for Wetlands in Taiwan	<b>ShiLi Miao</b> Processes and Dynamics of Ecosystem Recovery in Nutrient-Enriched Everglades after Phosphorus Load Reduction	<b>Lisa Jameson</b> Invasive Plant Management Strategies: Integrating Science and Monitoring	<b>Irena Creed</b> Towards an Index of Hydrological Integrity for Wetland Dominated Landscapes	<b>Timothy Lang</b> Improving the Effectiveness of BMPs in the Everglades Agricultural Area	<b>David Sumner</b> Carbon Fluxes at a Sub-tropical Peat Marsh in Florida
11:20	<b>Michelle Stevens</b> Equitable Water Rights: A Holistic Perspective on Ecological Restoration to Sustain Biodiversity, Ecosystem Functions, and Social Justice in the Tigris Euphrates Watershed	<b>Barry Rosen</b> Cyanobacteria Species from Florida Everglades Floc	<b>Marcie Kapsch</b> Integrating Current Research into Management Decisions at the Arthur R. Marshall Loxahatchee National Wildlife Refuge	<b>Ge Sun</b> The Role of Wetlands in Regulating the Hydrology and Biogeochemical Cycling in Headwater Watersheds, Southeastern United States	<b>Kelly Morgan</b> Selection of Soil Test Phosphorus Extractant and Index for Calcareous Soils	<b>Scott Winton</b> Greenhouse Gas Emissions Dynamics in Response to Organic Matter Amendment in a Created Wetland in Southeastern Virginia, USA
11:40	<b>David Lindley</b> Moving beyond Legal Compliance to Self Control: Change Orientated Learning for Wetland Sustainability Practices	<b>Michael Waldon</b> Total Phosphorus Calibration of the Simple Refuge Screening Model Version 4 Using Optimization	<b>Laura Brandt</b> Trends in Alligator Body Condition in Relation to Hydrology in Arthur R. Marshall Loxahatchee National Wildlife Refuge, Florida USA	<b>Nandita Basu</b> Hydrologic Connectivity of Drained Wetlands in Iowa's Prairie Pothole Landscape	<b>Amy Smith</b> The Effect of Hydraulic Retention Time and Flow Path on Nitrate and Atrazine Attenuation in a Bioretention Swale	<b>Susana Flecha</b> Spatio-temporal Distribution of Air-water CO2 Exchange in Doñana Wetlands (Spain)
12:00 - 1:30	Lunch (Pavilion)					

8:00 - 6:00	Registration Open; Exhibits & Posters on Display; Internet Café Open; Morning Refreshments					
9:00 - 10:00	<p align="center"><b>Plenary Session - Governance of Large Scale Ecosystems &amp; Global Wildlife and Wetlands</b>  <b>Moderator: G. Ronnie Best</b>  <b>Plenary Speakers:</b>                  Richard Beilfuss, International Crane Foundation, USA – "Wetlands, Water, and Climate—Perspective from Southern Africa"                  Lynn Scarlett, Leading Environmental Policy Analyst, USA – "Coastal and Wetlands Management: Challenges of Shared Governance" (Grand Sierra Ballroom D&amp;E)</p>					
10:00 - 10:30	Break (Caribbean Ballroom)					
10:30 - 12:00	Concurrent Sessions					
	79	80	81	82	83	84
Location	Bonaire 5&6	Bonaire 7&8	Curacao 1&2	Curacao 3&4	Curacao 5&6	Curacao 7&8
	<b>Symposium on Plant Ecophysiology in Wetlands</b>	<b>Self-organized Landscapes: Tree Islands (Part 1 of 3)</b>	<b>Sediment Elevation Table (SET): Salt Marsh Monitoring - Implementation, Use and Results</b>	<b>Fire: Shaping Wetlands from Nutrients to Wildlife (Part 3 of 4)</b>	<b>Advanced Remote Sensing I: Wetland Mapping (Part 1 of 3)</b>	<b>Large Scale Ecosystems: Planning, Policy and Assessment</b>
Moderator	<b>Pia Parolin &amp; Cátia Nunes da Cunha</b>	<b>Vic Engel</b>	<b>Alice Benzecry and Ellen Kracauer Hartig</b>	<b>Louise Venne</b>	<b>John Jones</b>	<b>Dave Tipple</b>
10:30	Session Overview	Session Overview	Session Overview	Session Overview	Session Overview	Session Overview
10:40	<b>Lindsey Meyers</b> Above and Below Ground Nutrient Cycling in Northern Prairie Wetlands	<b>Paolo D'Odorico</b> Tree Islands: Landforms and Underlying Biotic Feedbacks	<b>Donald Cahoon</b> An Approach for Estimating Salt Marsh Resilience to Sea-level Rise	<b>Thomas Gorman</b> Can Shrub Removal or Fire Restore Amphibian Habitat in Fire-suppressed Pine Flatwoods Wetlands?	<b>Laura Bourgeau-Chavez</b> Mapping Coastal Great Lakes Wetlands and Adjacent Land Use through Hybrid Optical-infrared and Radar Image Classification Techniques	<b>Jeff Trulick</b> Forecasting in Large Scale Restoration Planning
11:00	<b>La Toya Kissoon</b> Plant Community Composition and Biogeochemistry of Clear and Turbid Shallow Lakes	<b>Pamela Sullivan</b> Transpiration as a Hydrologic Driver of Ion and Mineral Accumulation on Tree Islands	<b>Denise Reed</b> Measuring Marsh Surface Elevation Change: Patterns and Processes, Trends and Timing	<b>Louise Venne</b> Fire Effects on Wading Bird Foraging Habitat and Resources	<b>Jennifer Corcoran</b> Incorporating Data from Several Remotely Sensed Platforms to Map Current and Potentially Restorable Wetlands	<b>Ken Ammon</b> Governmental Laws, Rules and Policies, Are They Keeping Up With Restoration Objectives
11:20	<b>Nina Menichino</b> Plant Species Response to the Restoration of Degraded Fens in North-West Wales	<b>Terence McCarthy</b> Autogenous Development of Habitat Heterogeneity in the Okavango Delta, Northern Botswana	<b>James Lynch</b> Development of Sampling Protocols for the Surface Elevation Table	<b>Ann Foster</b> Patterns in Fire-The Recorded History of Fire in Everglades National Park and Big Cypress National Preserve	<b>Daniel Gann</b> Evaluation of WorldView-2 and Landsat Data to Differentiate and Map Freshwater Marsh Plant Communities at Different Spatial Scales for Two Everglades Landscapes	<b>Alyssa Dausman</b> Supporting Gulf of Mexico Restoration: Issues, Challenges, and Solutions Identified by the Gulf Coast Ecosystem Restoration Task Force Science Coordination Team
11:40	<b>Pia Parolin &amp; Catia Nunes da Cunha</b> Plant Ecophysiology in Tropical Freshwater Wetlands of Three Continents	<b>Michael Ross</b> Biogeography of Tropical Hardwood Forests in South Florida: Evidence for Self-organization?	PANEL: Getting the Most from Surface Elevation Table-Marker Horizon Installations: <b>Alice Benzecry, Leah Beckett, Donald Cahoon, Ellen Kracauer Hartig, Danielle Kreeger, James Lynch, Beth Middleton, Denise Reed, and Charles Roman</b>	<b>Pablo Ruiz</b> Mapping and Assessing Tree Island Fire Damage & Recovery within the Short-Hydroperiod Marl Prairie Grasslands of the Everglades	<b>Megan Lang</b> LIDAR Intensity and Elevation Data to Infer Forested Wetland Extent and Function	<b>Craig Mallison</b> Habitat Monitoring and Assessment in Large Wetland Systems
12:00 - 1:30	Lunch (Pavilion)					

Wednesday, June 6, 2012

Wednesday, June 6, 2012							
1:30 -3:00	Concurrent Sessions						
	85	86	87	88	89	90	
Location	Grand Sierra Ballroom B	Grand Sierra Ballroom C	Antigua 1&2	Antigua 3&4	Bonaire 1&2	Bonaire 3&4	
	<b>Governing Across Boundaries: Learning from Experience (Panel 1)</b>	<b>The SWSPCP CODE OF ETHICS: Code Compliance as a Working Professional (Part 1 of 2)</b>	<b>Climatic Events, Climate &amp; Sea Level Rise</b>	<b>Wetland Hydrology: Criterion and Assessment (Part 1 of 2)</b>	<b>Invasive Plants- Phragmites</b>	<b>Biogenic Gas Emissions from Peatlands: The Importance of Tropical and Sub-tropical Ecosystems (Part 2 of 3)</b>	
Moderator	Lynn Scarlett	James Perry	Robert Johnson	Chris Noble	Doug Wilcox	Vic Engel	
1:30	Session Overview	Session Overview (20 min)	Session Overview	Session Overview	Session Overview	Introduction	
1:40	<p><b>Shannon Estenoz</b> <b>Roy Stein</b> <b>John Hankinson</b></p> <p>This panel will examine models of shared or network governance in large scale coastal restoration endeavors. What are the governing structures or mechanisms of cross-jurisdictional, multi-issue coordination and management? Who participates? How are decisions made? How are actions coordinated?</p>	<p><b>Trainer: Royal Gardner</b> "Hired Gun or Objective Scientist? Ethical Dilemmas for the Professional Wetland Scientist, Consultant, and Regulator" (40 minutes)</p>	<p><b>Marisa Schönfeldt</b> Effects of Raised Temperature and Northward Species Migration on Experimental Tidal Freshwater Marsh Communities from European and North American Estuaries</p>	<p><b>Chris Noble</b> Methods of Interpreting Hydrologic Data</p>	<p><b>Franziska Eller</b> Cryptic Invasion in a Changed Climate – Ecophysiology and Gene Expression of Common Reed from the US Gulf Coast</p>	<p><b>William Wright</b> Autonomous Ground Penetrating Radar (GPR) Measurements for Exploring Temporal Dynamics in Biogenic Gas Releases from Peat Soils in the Florida Everglades</p>	
2:00			<p><b>Christopher Swarzenski</b> Extreme Climate Events and the Recurrent Sudden Dieback and Recovery of Salt Marshes in the Rapidly Subsiding Mississippi River Delta, Louisiana</p>	<p><b>Wayne Skaggs</b> Criterion for Wetland Hydrology: Effects of Growing Season and Saturation Duration</p>	<p><b>Martha Carlson Mazur</b> Predicting Phragmites Expansion in the Laurentian Great Lakes</p>	<p><b>Sunitha Rao Pangala</b> Methane Emissions through Trees in Tropical and Temperate Forested Wetlands</p>	
2:20			<p>Trainer Introduced Case Studies and Audience Interaction (30 minutes)</p>	<p><b>Jerome Lorenz</b> Hydropatterns and Rainfall During the 2009-2010 Hydrologic Year (June to May) Provide Incite into How a Restored Everglades Might Respond to Sea Level Rise</p>	<p><b>Michael Vepraskas</b> Hydrologic Criterion of Hydric Soils</p>	<p><b>Md. Nazim Uddin</b> Phytotoxicity of Secondary Metabolites Produced by <i>Phragmites australis</i> in South-eastern Australia</p>	<p><b>Michael Sukop</b> Lattice Boltzmann Simulation of Gas Bubble Dynamics in Peat</p>
2:40			<p><b>Christopher Bernhardt</b> Climate and Vegetation History of Current and Former Cape Sable Seaside Sparrow Wetland Habitat, Florida Everglades</p>	<p><b>Peter Caldwell</b> Relating Hydrology to Wetland Plant Community Distribution</p>	<p><b>Douglas Wilcox</b> Did <i>Phragmites australis</i> Invasion in the Great Lakes Begin in 1988 Rather than 1999?</p>	<p><b>Xavier Comas</b> Using Hydrogeophysical Methods to Constrain Spatial and Temporal Dynamics of Biogenic Gas Distribution and Fluxes in Peat Soils of the Everglades</p>	
3:00 - 3:30	Break (Caribbean Ballroom)						

Wednesday, June 6, 2012

Wednesday, June 6, 2012						
1:30 - 3:00	Concurrent Sessions					
	91	92	93	94	95	96
Location	Bonaire 5&6	Bonaire 7&8	Curacao 1&2	Curacao 3&4	Curacao 5&6	Curacao 7&8
	<b>Wetland Restoration</b>	<b>Self-organized Landscapes: Freshwater Peatlands (Part 2 of 3)</b>	<b>Wetland Fauna</b>	<b>Fire: Shaping Wetlands from Nutrients to Wildlife (Part 4 of 4)</b>	<b>Advanced Remote Sensing II: RADAR for Water &amp; Biomass (Part 2 of 3)</b>	<b>Emerging Issues in Wetland Restoration in the Peoples Republic of China (Part 1 of 2)</b>
Moderator	Susan Galatowisch	Mike Ross	Colleen Charles	Todd Osborne	John Jones	Kevin Erwin
1:30	Session Overview	Session Overview	Session Overview	Session Overview	Session Overview	Session Overview
1:40	<b>Ondrea Hummel</b> Wetland Restoration and Monitoring in the Southwest	<b>Maarten Eppinga</b> aMazing Pattern: Self-organization in Northern Peatland Ecosystems	<b>Louise Alexander</b> Using Qualitative Frameworks and Quantitative Tools to Optimize Shorebird Habitat at Cabo Rojo Wildlife Refuge, Puerto Rico	<b>Tom Smith</b> Fire, Water, Soil and Sea Level Influence the Position of Mangrove – Marsh Ecotones Through Time	<b>Shimon Wdowinski</b> Suitability of the New Generation of SAR Satellites to the Wetland InSAR Application	<b>Manyin Zhang</b> Restoration of Sand Mined Wetlands in the Wild Duck Lake Natural Reserve, Beijing: Approaches and Evaluation
2:00	<b>Suzanne Bayley</b> Northern Prairie Wetland Assessment at Multiple Spatial Scales	<b>Yiwei Cheng</b> Exogenous and Endogenous Controls Impact Evolution and Resilience of Wetland Vegetation Patterns	<b>Jennifer Rehage</b> Seasonal Hydrology Drives Predator and Prey Co-occurrence along a Marsh-Mangrove Ecotone: Implications across Ecological Scales	<b>Michael Duever</b> A Successional Model for Restoration and Management of South Florida Plant Communities	<b>C.K. Shum</b> High-resolution Wetland Water Level Monitoring Towards Everglades Restoration Integrating Synthetic Aperture Radar Interferometry and Satellite Radar Altimetry	<b>Xingzhong Yuan</b> The Littoral Zone of the Three Gorges Reservoir: Challenges and Opportunities
2:20	<b>Gretchen Ehlinger</b> Sustainability of Long-term Monitoring for Large Scale Ecosystem Restoration	<b>Laurel Larsen</b> Sediment Redistribution and Accretion Feedbacks: Drivers of Landscape Pattern, Process, and Restoration Potential in Wetlands Worldwide	<b>Melissa DeSa</b> A Novel Method For Camera Trapping Small Mammals In Irregularly Flooded Marsh Environments	<b>Michael Duever</b> A Transitional Fire Model for Restoration and Management of Natural South Florida Plant Communities	<b>Hyonki Lee</b> Integrated Analysis of Interferometric SAR, Satellite Altimetry and Hydraulic Modeling to Quantify Louisiana Wetland Dynamics	<b>Yuechen Li</b> A Summary of Existing Wetland Research on the Three Gorges Reservoir Area
2:40	<b>Mark Cook</b> Restoring Ecosystem Function in the P-Enriched Everglades: Improving Habitat for Wildlife	<b>James Heffernan</b> Discharge Competence as a Mechanism for Peatland Pattern Formation	<b>Michael Flaxman</b> Considering Climate Change in State Wildlife Action Planning for Florida	<b>Rick Anderson</b> The River of Fire; Fire Management in the Modern Everglades	<b>Emanuelle Feliciano</b> Biomass Estimation in the Everglades using Synthetic Aperture Radar and Ground-based LIDAR	<b>Xingzhong Yuan</b> Both Summer and Winter Flooding Determine the Biodiversity and Above-ground Biomass Pattern of Vegetation in the Drawdown Area of China's Three Gorges Reservoir
3:00 - 3:30	Break (Caribbean Ballroom)					

Wednesday, June 6, 2012						
3:30 -5:00	Concurrent Sessions					
	97	98	99	100	101	102
Location	Grand Sierra Ballroom B	Grand Sierra Ballroom C	Antigua 1&2	Antigua 3&4	Bonaire 1&2	Bonaire 3&4
	Coastal Sustainability: Structures and Processes for Linking Science and Decision Making (Panel 2)	The SWSPCP CODE OF ETHICS: Code Compliance as a Working Professional (Part 2 of 2)	Wildlife, Exotics & Restoration	Wetland Hydrology: Methods for Assessment (Part 2 of 2)	Constructed Wetlands	Biogenic Gas Emissions from Peatlands: The Importance of Tropical and Sub-tropical Ecosystems (Part 3 of 3)
Moderator	Lynn Scarlett	James Perry	Patrick Pitts	Wayne Skaggs	Mark Clark	Boone Kauffman
3:30	Session Overview	Trainer and Moderator	Session Overview	Session Overview	Session Overview	Session Overview
3:40	<p><b>Charles Curtin</b> <b>Rachel Jacobson</b> <b>John Ogden</b></p> <p>This panel will begin with an examination of the interface of science and decision making, with a particular focus on governance contexts and decision processes, drawing on examples from the Great Lakes and the Everglades.</p>	<p><b>Reconvene Training Session</b></p> <p>Recap Case Studies Presented in First Session and Note Key Points for Contemplation (15 minutes)</p>	<p><b>Alicia LoGalbo</b></p> <p>Assessing Woodstork Abundance and Alligator Nesting Trends in Everglades National Park using Generalized Additive Modeling</p>	<p><b>Zhaohua Dai</b></p> <p>Application of the MIKE SHE Model to Assess the Hydrologic Criteria for Defining Wetlands in the Lower Coastal Plain</p>	<p><b>James Bays</b></p> <p>Advances in the Use of Passive Wetland Systems for Selenium Treatment of Mine-Impacted Water</p>	<p><b>Tiffany Troxler</b></p> <p>Soil, Water and Course Woody Debris Respiration Fluxes and Dissolved Aqueous CO2 in a Tidal Mangrove Forest in the Everglades</p>
4:00	<p>Dialogue Among Panel 1 and Panel 2</p> <p>The science panel is joined by participants from the governance panel for a 45-minute facilitated dialogue on opportunities and challenges, within contexts of coastal and wetland restoration, enhancement and protection, of coordinating decisions across agencies, linking issues, and generating information relevant to decision making.</p>	<p>Additional Case Studies and Audience Participation - Session will Close with Audience Question/Answer Forum (75 minutes)</p>	<p><b>Jed Redwine</b></p> <p>Assessing the Condition of Exotic Plant Species in Big Cypress National Preserve and Everglades National Park</p>	<p><b>Bill Hunt</b></p> <p>Threshold Simulation Method for Determining Wetland Hydrologic Status</p>	<p><b>John O'Meara</b></p> <p>Sub-surface Flow Wetlands – Constructed Wastewater Treatment System</p>	<p><b>Jose Fuentes</b></p> <p>Influences of Cold Air Masses on Trace Gas Exchange between Mangroves and the Atmosphere</p>
4:20			<p><b>Jason Lauritsen</b></p> <p>Targeted Ecological Restoration through Shallow Wetland Mitigation Banking with Wood Stork Benefits</p>	<p><b>Tom Williams</b></p> <p>Testing Wetland Hydrology Criteria Modeling with Long Term Water Table Data</p>	<p><b>William Walton</b></p> <p>Designing Constructed Wetlands to Reduce Mosquito Production: Alternative Emergent Macrophytes</p>	<p><b>Serena Moseman-Valtierra</b></p> <p>Dynamic Hotspots of Nitrous Oxide and Methane in Coastal Marshes: Responses to Two Long-term Fertilization Experiments</p>
4:40			<p><b>Ann Commagere Hijuelos</b></p> <p>Fish Use of Canals as Dry-Season Refuges in a Seasonally Variable Freshwater Wetland</p>	<p><b>George (Chip) Chescheir</b></p> <p>Evaluating Methods for Determining Whether a Site Meets Wetland Hydrology Criteria</p>	<p><b>ML Robinson</b></p> <p>Using Constructed Wetlands for Recycling Waste Water to Protect Surface and Ground Water</p>	<p><b>Jianwu Tang</b></p> <p>CO<sub>2</sub> and N<sub>2</sub>O Fluxes from Coastal Wetlands: Is There any Difference between Wetlands and Uplands?</p>
5:00 - 7:00	Evening on Own					

Wednesday, June 6, 2012

Wednesday, June 6, 2012						
3:30 -5:00	Concurrent Sessions					
	103	104	105	106	107	108
Location	Bonaire 5&6	Bonaire 7&8	Curacao 1&2	Curacao 3&4	Curacao 5&6	Curacao 7&8
	<b>Blue Carbon Green Opportunities (Part 1 of 4)</b>	<b>Self-organized Landscapes: Coastal Wetlands (Part 3 of 3)</b>	<b>Forested Wetlands</b>	<b>Water Quality - Phosphorus</b>	<b>Advanced Remote Sensing III: Monitoring (Part 3 of 3)</b>	<b>Emerging Issues in Wetland Restoration in the Peoples Republic of China (Part 2 of 2)</b>
Moderator	<b>Ariana Sutton-Grier</b>	<b>Rene Price</b>	<b>Dale Knapp</b>	<b>Kevin Grace</b>	<b>John Jones</b>	<b>Kevin Erwin</b>
3:30	<b>Session Overview</b>	<b>Session Overview</b>	<b>Session Overview</b>	<b>Session Overview</b>	<b>Session Overview</b>	<b>Session Overview</b>
3:40	<b>Steve Crooks</b> The Rapidly Evolving Science of Coastal Blue Carbon- What's Known and What do We Want to Know?	<b>Mark Humphries</b> Chemical Sedimentation, Peat Formation and Development of a Palaeoenvironmental Record for the Subtropical Coastal Plain of Maputaland, South Africa	<b>William Conner</b> Tree Growth Response Across an Hydrological Gradient at Four Holes Swamp, South Carolina	<b>Forrest Dierberg</b> Phosphorus Removal Performance and Sustainability of a Submerged Aquatic Vegetation-Dominated Constructed Wetland for Everglades (USA) Restoration	<b>John Kovacs</b> Evaluating Radar Sensors for Retrieving Mangrove Biophysical Parameters of both Pristine and Degraded Forests	<b>Martin Willison</b> Eco-economic Aspects of a Dike-pond Project in the Drawdown Zone of the Three Gorges Reservoir
4:00	<b>Emily Pidgeon</b> Blue Carbon: a Transformational Tool for Marine Management and Conservation Globally	<b>Daehyun Kim</b> Biogeomorphic Feedbacks Drive Dynamics of Vegetation-Landform Complex in a Coastal Riparian System	<b>Juan Carlos Montero</b> Floristic Variation across 600 km of Inundation Forests along the Rio Negro	<b>Craig Duxbury</b> Long-term Dynamics of Nitrogen and Phosphorus Concentrations in Waters of a Restored Forested Wetland	<b>Greg Koeln</b> Monitoring Wetland Changes Using Multitemporal Landsat Change Detection, Web Mapping Services, and Crowd Sourcing	<b>Martin Willison</b> Potential for Wetland Restoration in the Drawdown Zone of Hanfeng Lake, Chongqing, China
4:20	<b>David Gordon</b> Green Payments for Blue Carbon: Economic Incentives for Protecting Threatened Coastal Habitats	<b>Loretta Battaglia</b> Use of Assisted Migration and Community Zonation Patterns to Build a Climate-resilient Coastal Landscape	<b>Maguy Dulorme</b> Early Growth Performances of the Swamp-forest Tree <i>Pterocarpus officinalis</i> Regarding Soil and Light Conditions	<b>Richard James</b> Water, Ion and Phosphorus Budgets of a Periphyton-based Stormwater Treatment Area	<b>R. Eugene Turner</b> Twenty-Six Years of Changing Vegetative Cover and Marsh Area	<b>Kevin Erwin</b> A Proposal for Developing an Integrated Master Plan in the Three Gorges Reservoir Eco-region
4:40	<b>Discussion</b>	<b>Johan van de Koppel</b> Do Local Interactions or the Landscape Determine Spatial Self-organization in Wetland Ecosystems?	<b>Maria Teresa Fernandez Piedade</b> Wetlands of the Brazilian Amazon: Extent and Recent Issues and Concerns on their Protection	<b>Murakami Kazuo</b> Nitrogen and Phosphorus Cycles in Constructed Tidal Flat in Tokyo Bay	<b>Mon-Shieh Yang</b> Coastal Wetland Monitoring by High-Resolution Satellite Imagery	<b>Yan Lan</b> The Purification Effect of Reed-Dominated Raised Fields in a Freshwater Wetland in Northern China
5:00 - 7:00	Evening on Own					

8:00 - 6:00	Registration Open; Exhibits & Posters on Display; Internet Café Open; Morning Refreshments					
9:00 - 10:00	<p align="center"><b>Plenary Session - Climate Change</b>  <b>Moderator: K. Ramesh Reddy</b>  <b>Plenary Speakers:</b>                  Stefan Rahmstorf, Potsdam University, Germany – "The Climate Crisis"                  Tom Armstrong, United States Global Change Research Program, USA – "The U.S. Global Change Research Program: Thirteen Agencies, One Vision" (Grand Sierra Ballroom D&amp;E)</p>					
10:00 - 10:30	Break (Caribbean Ballroom)					
10:30 - 12:00	Concurrent Sessions					
	109	110	111	112	113	114
Location	Grand Sierra Ballroom B	Grand Sierra Ballroom C	Antigua 1&2	Antigua 3&4	Bonaire 1&2	Bonaire 3&4
	Science of Blue Carbon (Part 2 of 4)	Water, Climate and Landscapes of the Greater Everglades	Wetland Assessment, Regulation & Mitigation	The Role of Flow and Hydrologic Connectivity in Floodplain and Wetlands Ecosystems (Part 1 of 3)	Phosphorus - The Ultimate Limiting Element – from Cells to Communities (Part 1 of 2)	Wetland Restoration and Conservation
Moderator	Pat Megonigal	Carol Mitchell	Syed Khalil	Laurel Larsen	P.V. Sundareshwar	Jim Bays
10:30	Session Overview	Session Overview	Session Overview	Session Overview	Session Overview	Session Overview
10:40	<b>Jim Morris</b> Forecasting Blue Carbon in Tidal Marshes: The Balance between Carbon Sequestration and Methane Emissions	<b>Dianna Hogan</b> Estimating the Cumulative Ecological Effect of Local Scale Landscape Changes in South Florida	<b>Maria Vandergragt</b> Great Barrier Reef Catchment: Wetland Risk Assessment	<b>Dorothy Merritts</b> Widespread 18th-20th c. Burial of Holocene Wet Meadows in the Mid-Atlantic Region, USA, and their Restoration Potential	<b>James Cotner</b> Just How Much Phosphorus does a Bacterium Need?	<b>John Callaway</b> Sediment Dynamics in Restored Tidal Wetlands of San Francisco Bay
11:00	<b>Lisa Schile</b> Modeling Sea-level Rise Effects on Tidal Wetland Distribution in the San Francisco Bay Estuary	<b>Kevin Kotun</b> Effect of Water Management on Water Supply to Everglades National Park: 1940 to 2010	<b>Jimmy Sellers</b> Palmer Point Park: A Wetland Restoration Design Limited by Site and Stakeholder Conditions	<b>William Hilgartner</b> Millennial Pre-settlement Stability of Sedge Meadow Habitats in Two Piedmont River Valleys	<b>Benjamin Turner</b> Cryptic Phosphorus in the Environment: Composition, Behavior, and Ecological Significance	<b>Rebecca Rooney</b> Wetland Loss and Degradation: The Hidden Costs of Ethical Oil
11:20	<b>Boone Kauffman</b> Exceptionally High Carbon Stocks of Mangroves and their Potential Conservation through Global Carbon Markets	<b>Erik Stabenau</b> Water Budget, Climate Variability, and Predicting Salinity for Eastern Florida Bay	<b>Ralph Tiner</b> Landscape-level Functional Assessment Using Enhanced Wetland Geospatial Data	<b>Cliff Hupp</b> Sedimentation Patterns on the Restored Reach of the Kissimmee River Floodplain	<b>Charlotte Jørgensen</b> Phosphorus Composition and Reactivity in Outflow Water from Constructed Wetlands	<b>Petter Hedberg</b> Restoring Functional Diversity in Rich Fens by Tree Cutting and Ditch-Blocking
11:40	<b>Jim Fourqurean</b> Blue Carbon Stored in the Seagrass Beds of the World	<b>Lydia Stefanova</b> Climate Means, Trends and Extremes in the Everglades: Historical Data and Future Projections	<b>Lee Weishar</b> The Design for the Wetland Restoration of a Freshwater Cranberry Bog in New England	<b>Nathan Jones</b> The Role of River-Floodplain Connectivity in Nutrient Removal	<b>P. V. Sundareshwar</b> Does Phosphorus Status in Spartina Alterniflora Regulate Oxidized Rhizosphere?	<b>Kevin Hedge</b> Environmental Compliance and Ecological Restoration with Floating Wetland Islands
12:00 - 1:30	Lunch (Pavilion)					

8:00 - 6:00	Registration Open; Exhibits & Posters on Display; Internet Café Open; Morning Refreshments					
9:00 - 10:00	<p align="center"><b>Plenary Session - Climate Change</b>  <b>Moderator: K. Ramesh Reddy</b>  <b>Plenary Speakers:</b>  <b>Stefan Rahmstorf, Potsdam University, Germany – "The Climate Crisis"</b>  <b>Tom Armstrong, United States Global Change Research Program, USA – "The U.S. Global Change Research Program: Thirteen Agencies, One Vision" (Grand Sierra Ballroom D&amp;E)</b></p>					
10:00 - 10:30	Break (Caribbean Ballroom)					
10:30 - 12:00	Concurrent Sessions					
	115	116	117	118	119	120
Location	Bonaire 5&6	Bonaire 7&8	Curacao 1&2	Curacao 3&4	Curacao 5&6	Curacao 7&8
	<b>Salinization of Freshwater Wetlands (Part 1 of 3)</b>	<b>Mitigating and Adapting to Global Sea Level Rise in the Gulf of Mexico</b>	<b>The Hydroecology of a Florida River and the Potential Ecological Effects of Human Water Use (Part 1 of 2)</b>	<b>Planning &amp; Implementing Large Scale Ecosystems</b>	<b>Nutrient Cycling - Floodplain Lakes and Streams</b>	<b>Stormwater Wetlands - Design and Performance</b>
Moderator	Scott Neubauer	Valsin Marmillion	Edgar Lowe	Scott Phillips	Jan Vymazal	Bill Hunt & Margaret Greenway
10:30	Session Overview	Session Overview	Session Overview	Introduction & Overview	Session Overview	Session Overview
10:40	<b>Leon Lamers</b> Salinity Changes Biogeochemistry and Ecosystem Functioning; on the Roles of Sodium Chloride, Sulfate, and Nutrients	<b>Sidney Coffee</b> Addressing Growing Vulnerabilities in the Wake of Coastal Land Loss and Degrading Landscapes that Threaten Coastal and Indigenous Cultures	<b>Edgar Lowe</b> General Method for Evaluating Potential Ecological Effects of Altered Hydrologic Regimes	<b>John Marshall</b> Streamlining Central Everglades Project Planning (CEPP) Using CERP Adaptive Management Protocols	<b>Frank Marshall</b> Biscayne Bay Nutrient Loads and Water Quality Box Model	<b>Margaret Greenway</b> Macrophyte Zonation and Sustainability in Stormwater Wetlands in Subtropical Eastern Australia: Design and Function
11:00	<b>Amy Burgin</b> How Does Saltwater Intrusion Alter Anaerobic Microbial Metabolism in a Freshwater Wetland?	<b>Valsin Marmillion</b> An Analysis of a Multi-million Dollar Study Showing Rising Sea Levels, Fiercer and More Frequent Hurricanes could Result in 350 B in Losses for the Gulf Coast	<b>Lawrence Keenan</b> Hydroperiod Effects on Annual Release Rates of N, P, and DOC in a Floodplain Wetland	<b>Mitchell Griffin</b> "Getting the Water Right," Practical Experience in Large-Scale Wetlands Restoration	<b>Ni-Bin Chang</b> Floating Wetland for Nutrient Removal in a Stormwater Infiltration Basin	<b>Bridget Wadzuk</b> Constructed Stormwater Wetlands: Design and Function
11:20	<b>Ashley Helton</b> Simulating the Influence of Saltwater Intrusion on Coupled Element Cycles in Coastal Plain Wetlands	<b>Sidney Coffee</b> A Review of the Research Process - Including Interviews, Focus Groups and Forums held in 11 Cities in Four Gulf States	<b>Michael Coveney</b> Relationships between Residence Time and Cyanobacterial Blooms in a Nutrient-Rich River System	<b>Eric Cline</b> Implementation and Operation of an Everglades Physical Model: The Loxahatchee Impoundment Landscape Assessment (LILA)	<b>Medina Kadiri</b> Water Quality Assessment in the Eastern Niger Delta Region of Nigeria	<b>Jon Hathaway</b> Indicator Bacteria Sequestration in Stormwater Wetlands
11:40	<b>Valerie Schoepfer</b> The Effect of Saltwater Intrusion on Coupled Iron and Sulfur Cycling in a Coastal Freshwater Wetland	<b>Valsin Marmillion</b> Presentation on Findings of the 11 Forums and What Solutions all Four States can Agree upon to Make the Gulf Coast more Resilient	<b>Dean Dobberfuhr</b> Impacts to Submerged Aquatic Vegetation Associated with Hydrologic Changes in the St. Johns River Estuary, Florida	<b>B.J. Bukata</b> Assessing Hydroperiod Restoration Alternatives in Flatford Swamp, Florida	<b>Matthew Cohen</b> Nutrient Spiraling in a Bottomland Sub-Tropical Stream	<b>William Hunt</b> Constructed Wetlands versus Ponds for Stormwater Management: a Framework for Ecosystem Services Assessment
12:00 - 1:30	Lunch (Pavilion)					

Thursday, June 7, 2012

Concurrent Sessions						
	121	122	123	124	125	126
Location	Grand Sierra Ballroom B	Grand Sierra Ballroom C	Antigua 1&2	Antigua 3&4	Bonaire 1&2	Bonaire 3&4
	Policy, Economics, and Management of Blue Carbon (Part 3 of 4)	Extreme Events	Ecosystem Restoration Program Management and Large-Scale Project Implementation (GEER)	The Role of Flow and Hydrologic Connectivity in Floodplain and Wetlands Ecosystems (Part 2 of 3)	Phosphorus - The Ultimate Limiting Element – from Cells to Communities (Part 2 of 2)	Methane Dynamics in Peatland Ecosystems (Part 1 of 2)
Moderator	Steve Emmett-Mattox	Cheryl Ulrich	Brian Files	Laurel Larsen	P.V. Sundareshwar	Jason Keller and Scott Bridgham
1:30	Session Overview	Session Overview	Session Overview	Session Overview	Session Overview	Session Overview
1:40	<b>Rich Ambrose</b> Incorporating Carbon Management for Climate Change Mitigation into Coastal Management Planning	<b>Erin Kinney</b> Effects of Drought on Restored and Reference Brackish Marshes in the Northwestern Gulf of Mexico	<b>Eric Bush</b> Managing Implementation of a Multi-Decadal Ecosystem Restoration Program	<b>Jud Harvey</b> Field Flumes to Floodplains: Revealing the Influence of Flow Dynamics and Flood Pulses in Structuring River and Wetland Ecosystems	<b>James Elser</b> Uncertain Supplies, Shifting Demands, and the Sustainability of the Human Phosphorus Cycle	<b>Scott Bridgham</b> Controls Over Anaerobic Carbon Cycling and Methane Production in Peatlands
2:00	<b>Igino Emmer</b> Creating a Blue Carbon Asset under the Verified Carbon Standard	<b>Andrew Tweel</b> Historical Analysis of Wetland Sedimentation from Tropical Cyclones in Coastal Louisiana	<b>Barbara Cintron</b> Ten years of CERP: Idealism, Confusion, Recession, Reality. A history of the Ups and Downs of Everglades Restoration	<b>David Kaplan</b> Hydrologic Processes in a Patterned Peatland	<b>Thad Scott</b> Toward Sustainable Phosphorus Management in the Anthropocene: Quantifying Potentially Recyclable Pools and Fluxes in the Landscape	<b>Mark Hines</b> Trophic Status and Methanogenesis in Peatlands
2:20	<b>Ariana Sutton-Grier</b> Leveraging Carbon Services for Habitat Conservation: NOAA's Blue Carbon Interests	<b>Scott Jackson</b> Tropical Storm Impacts to Everglades Stormwater Treatment Area Submerged Aquatic Vegetation Communities	<b>Ken Ammon</b> The C-111 Spreader Canal Project: A Unique Example of Public Involvement and Adaptive Management	<b>Benjamin Branoff</b> Water Residence Time and Nitrogen Loss in a Louisiana Delta: A Modeling Approach	<b>Santiago Clerici</b> Phosphorus Cycling in a Settlement Pond of a Treatment Wetland	<b>Jason Keller</b> The Role of Humic Substances as Terminal Electron Acceptors in Peatland Decomposition
2:40	<b>Discussion</b>	<b>Edward Schenk</b> Sedimentation Patterns within the Atchafalaya Basin and Morganza Spillway Before and After the Lower Mississippi Flood of 2011	<b>Brooke Ahrens</b> Repackaging Is Not as Simple as it Seems: Lessons Learned on the C-44 Project	<b>Angelo Antonio Agostinho</b> Long Term Ecological Research in the Upper Parana River Floodplain, Brazil: Main Patterns and Variations	<b>Margaret Greenway</b> Media and Plants to Optimise Phosphorus Removal and Carbon Sequestration in Sub-surface Flow Constructed Wetlands	<b>Malak Tfaily</b> Understanding Anaerobic C Dynamics and Methane Production in Peatlands through Molecular Characterization of Porewater DOM Reactivity: Oxygen Shedding by DOM during
3:00 - 3:30	Break (Caribbean Ballroom)					

Thursday, June 7, 2012

Concurrent Sessions						
	127	128	129	130	131	132
Location	Bonaire 5&6	Bonaire 7&8	Curacao 1&2	Curacao 3&4	Curacao 5&6	Curacao 7&8
	<b>Salinization of Freshwater Wetlands (Part 2 of 3)</b>	<b>Amazonian Wetlands</b>	<b>The Hydroecology of a Florida River and the Potential Ecological Effects of Human Water Use (Part 2 of 2)</b>	<b>Predicting the Future of Coastal Louisiana I: Effects of Tides and Storms (Part 1 of 2)</b>	<b>Wetland Ecosystem Services in a Complex and Changing World (Part 1 of 2)</b>	<b>Urban Wetlands</b>
Moderator	<b>Amy Burgin</b>	<b>Robert Twilley</b>	<b>Edgar Lowe</b>	<b>Denise Reed</b>	<b>Edward Maltby</b>	<b>Dan Childers</b>
1:30	<b>Session Overview</b>	<b>Session Overview</b>	<b>Session Overview</b>	<b>Session Overview</b>	<b>Session Overview</b>	<b>Session Overview</b>
1:40	<b>Scott Neubauer</b> Saltwater Intrusion into Tidal Freshwater Marshes Drives Shifts at all Levels of Ecosystem Organization	<b>Thiago Sanna Freire Silva</b> Remote Sensing of Large Wetlands: Capturing the Spatial and Temporal Dynamics of the Amazon Floodplain	<b>Robert Mattson</b> Responses of Estuarine Benthic Macroinvertebrate Communities to Changing River Flows in the St. Johns River Estuary, Florida, USA	<b>Ehab Meselhe</b> Eco-Hydrology Modeling in Coastal Louisiana to Assess Project Effects on the Landscape	<b>Richard Lowrance</b> Bringing Together Science and Policy to Protect and Enhance Wetland Ecosystem Services in Agricultural Landscapes: Results of the OECD Workshop	<b>Aaron Mills</b> Microbial Processes in Constructed Tidal Wetlands for Removal of Nitrogen from Urban Wastewaters
2:00	<b>Peter Gell</b> The Impact of Changing Salinity on Aquatic Ecosystems: Why the Last Page only Tells Part of the Story	<b>Florian Wittmann</b> Flood-induced Endemism in Amazonian Floodplain Trees	<b>Palmer Kinser</b> Hydrology and the Distribution of Floodplain Plant Communities of the Upper St. Johns River, Florida	<b>Dallon Weathers</b> Short-term Modeling of Coastal Response to Wave Climate and Relative Sea Level Rise	<b>Tomasz Okrusko</b> Ecosystem Services of European Wetlands – Overview of Current Situation and Future Perspectives	<b>Rebecca Heintzmann</b> Contrasting Urban and Natural Wetlands in South-Central New York
2:20	<b>Marcelo Ardon</b> Saltwater Intrusion Alters Nitrogen and Carbon Export from a Restored Coastal Plain Wetland (North Carolina, USA)	<b>Jochen Schöngart</b> Ancient trees in Amazonian Floodplains: Implications for Tropical Forest Ecology and Climate Change	<b>Steve Miller</b> Predicting Freshwater Inflow Effects on Estuarine Fishes in the St. Johns River, Florida	<b>Hugh Roberts</b> Storm Surge and Wave Modeling for Prioritization of Louisiana Coastal Restoration and Protection Projects	<b>Ed Maltby</b> Wetland Ecosystem Services – Findings from UK National Ecosystem Assessment and Relevance to US	<b>Greg Noe</b> Nutrient and Sediment Cycling and Retention in Urban Floodplain Wetlands
2:40	<b>Ellen Herbert</b> Predicting the Impacts of Saltwater Intrusion on Ecosystem Dynamics in Tidal Freshwater Floodplain Forests in Coastal Georgia, USA	<b>Eliane Silva Batista</b> The Climate-Tree Growth Relation in Central Amazonian Black-Water (igapó) Floodplain Forests		<b>Jordan Fischbach</b> Applying the Coastal Louisiana Risk Assessment Model to Assess Long-Term Benefits from Flood Risk Reduction Projects	<b>Edward Richards</b> The Challenge of Steady State Coastal Law in the Time of Rising Oceans	<b>Ann Redmond</b> Bank On It: Mitigation and the Restoration of Ecosystem Services to Urbanizing Watersheds
3:00 - 3:30	Break (Caribbean Ballroom)					

3:30 - 5:00						
Concurrent Sessions						
	133	134	135	136	137	138
Location	Grand Sierra Ballroom B	Grand Sierra Ballroom C	Antigua 1&2	Antigua 3&4	Bonaire 1&2	Bonaire 3&4
	<b>Blue Carbon Projects (Part 4 of 4)</b>	<b>Dynamic of Coastal Wetlands</b>	<b>Ecosystem Restoration Program Management and Large-Scale Project Implementation (Non-GEER)</b>	<b>The Role of Flow and Hydrologic Connectivity in Floodplain and Wetlands Ecosystems (Part 3 of 3)</b>	<b>Emerging Contaminants</b>	<b>Methane Dynamics in Peatland Ecosystems (Part 2 of 2)</b>
Moderator	Pat Megonigal	Robert Daoust	Eric Bush	Laurel Larsen	Chris Warn	Jason Keller and Scott Bridgham
3:30	Session Overview	Session Overview	Session Overview	Session Overview	Session Overview	Session Overview
3:40	<b>Brian Needelman</b> Carbon Crediting for Tidal Marshes: Projects in Maryland	<b>G. Lynn Wingard</b> Linking Wetlands Hydrology to Estuarine Salinity in the Everglades: Integrated Solutions to Establish Restoration Targets	<b>Andrew LoSchiavo</b> Everglades Collaborative Adaptive Management Program Progress	<b>Colin Saunders</b> A Physical Model of Flow Reconnection to Achieve Ecological Restoration in the Everglades	<b>Xiaoe Yang</b> Enhanced Constructed Wetland Technologies for Controlling and Remediating Water Eutrophication	<b>Elizabeth Corbett</b> An Isotope Mass Balance Approach to Distinguishing Sources of CO <sub>2</sub> Production in Northern Minnesota Peatlands
4:00	<b>Brian Bergamaschi</b> A Wetland Carbon Biosequestration Demonstration Project in the Sacramento-San Joaquin Delta, California, USA- Wetland Carbon Farming	<b>David Rudnick</b> Restoration of the Everglades' Saline Wetlands and Florida Bay: Responses Driven from Land and Sea	<b>Neil Saintilan</b> Restoration of Significant Wetlands in Interior New South Wales: Co-ordinating Science, On-ground Works and Water Delivery	<b>David Ho</b> Resolving Kilometer-scale Flow Patterns in the Everglades Using SF <sub>6</sub> Tracer Release Experiments: Implications for Habitat Restoration	<b>La Daana Kada Kanhai</b> Polycyclic Aromatic Hydrocarbon (PAH) Contamination in the Caroni Swamp, Trinidad, West Indies	<b>Paul Bodelier</b> The Role of Microbial Diversity and Traits in Methane Cycling in Wetlands
4:20	<b>Curt Richardson</b> Carbon Sequestration in Coastal Freshwater Peatlands: A Market Credit Tool for Restoration	<b>Pat Dale</b> Why are Mangroves Expanding into Saltmarshes in Eastern Australia?	<b>Mark McElroy</b> Large-Scale Search for Tidal Mitigation Sites on the Elizabeth River, Virginia	<b>Cristina Poindexter</b> Transport Across the Air-water Interface with Emergent Vegetation	<b>Ahmed Hamadeh</b> Removal of Pharmaceutical Compounds by Constructed Wetlands Under Different Redox Conditions	<b>Varun Gupta</b> Anaerobic Oxidation of Methane in Northern Peatlands
4:40	<b>Alison Leschen</b> Carbon Management in Coastal Wetlands: A Collaborative Approach to Quantifying GHG Flux to Support Development of a GHG Protocol and Economic Assessment	<b>Theresa Strazisar</b> Seagrasses in Variable Environments: The Importance of Life History in Controlling <i>Ruppia maritima</i> at the Everglades-Florida Bay Ecotone	<b>Fuxing Zou</b> Engineering-Oriented Plantation and Mechanical Harvesting of Aquatic Plants in Water Body Restoration Engineering	<b>Pamela Telis</b> Revisions to the Everglades Depth Estimation Network (EDEN) Surface-water Model	<b>Dong Qing Zhang</b> Pharmaceutical Removal in Tropical Subsurface Flow Constructed Wetlands	<b>Merritt Turetsky</b> Effects of Permafrost Thaw on Northern Peatland Methane Emissions
5:00 - 7:00						
Reception and Interactive Poster Presentations Session II (Caribbean Ballroom)						

3:30 - 5:00						
Concurrent Sessions						
	139	140	141	142	143	144
Location	Bonaire 5&6	Bonaire 7&8	Curacao 1&2	Curacao 3&4	Curacao 5&6	Curacao 7&8
	<b>Salinization of Freshwater Wetlands (Part 3 of 3)</b>	<b>Restoration, Mitigation &amp; Policy</b>	<b>The Hydroecology of Rivers and the Potential Ecological Effects of Human Water Use</b>	<b>Predicting the Future of Coastal Louisiana II: Biological Response (Part 2 of 2)</b>	<b>Wetland Ecosystem Services in a Complex and Changing World (Part 2 of 2)</b>	<b>Urban Wetlands for a Sustainable Water Quality</b>
Moderator	<b>Scott Neubauer</b>	<b>Patrick Hunt</b>	<b>Edgar Lowe</b>	<b>Carol Parsons Richards</b>	<b>Edward Maltby</b>	<b>Jos Verhoeven</b>
3:30	<b>Session Overview</b>	<b>Session Overview</b>	<b>Session Overview</b>	<b>Session Overview</b>	<b>Session Overview</b>	<b>Session Overview</b>
3:40	<b>Nathaniel Weston</b> Response of Tidal Freshwater Marsh Plant and Microbial Communities in the Delaware River Estuary to Sea-Level Rise and Salt-Water Intrusion	<b>Gary Milano</b> Integration of Habitat Heterogeneity and Cost-effective Restoration Techniques and Strategies into Innovative Large-scale Wetlands Restoration Efforts in South Florida Urban Areas	<b>Edgar Lowe</b> Variable Responses of Ecological Attributes and Drivers to Hydrologic Alteration in the St. Johns River, Florida	<b>Greg Steyer</b> Spatial Modeling of Land Change and Relative Elevation to Assess Restoration Priorities in Coastal Louisiana	<b>Denice Wardrop</b> Translating Condition Assessment Data to Ecosystem Services: Is There an App for That?	<b>Jan Vymazal</b> Application of Wetlands for Nutrient Polishing in Urban Environments
4:00	<b>Kristine Hopfensperger</b> Plant Chemistry in a Freshwater Wetland Experiencing Salt Water Intrusion	<b>Greg Quartucci</b> Indiana Toll Road Mitigation, Urban Restoration in Gary, Indiana	<b>John White</b> Diverted Mississippi River Sediment as a Potential Phosphorus Source to Louisiana Coastal Wetland Systems	<b>Jenneke Visser</b> Forecasting Vegetation Changes in Coastal Louisiana	<b>Rene Dommain</b> Climate Change and Peatlands in the SE-Asian Tropics	<b>Gwenaël Imfeld</b> Mitigation of Pesticides and Copper in a Stormwater Wetland Receiving Runoff from a Vineyard Catchment
4:20	<b>Paul Boon</b> Salinization of <i>Melaleuca</i> -dominated Wetlands of the Gippsland Lakes, Australia	<b>Althea Hotaling</b> Seagrass Restoration and Mitigation: Policy Change Recommendations	<b>Eduardo Patino</b> Water-Quality Mapping and Monitoring Efforts in the Tidal Caloosahatchee River and Downstream Estuaries	<b>Andy Nyman</b> Predicting the Effects of Hurricane Protection and Wetland Restoration Projects on Fish and Wildlife	<b>Jenny Davis</b> Enhancing Urban Wetland Biodiversity by Reducing Trade-offs Between Multiple Ecosystem Services	<b>Ana Lima</b> Retention of Heavy Metals and Poly-Aromatic Hydrocarbons from Road Water in a Constructed Wetland and the Effect of De-icing
4:40	<b>Whitney Kiehn</b> Impacts of Short-term Salinity Intrusion and Post-intrusion Conditions on Oligohaline Wetland Vegetation and Soils	<b>Stanley Liphadzi</b> Impact of Policy Implementation on Ecosystems and Water Quality in South Africa	<b>Eric Roy</b> Nutrient Dynamics at the Estuarine Sediment-Water Interface during Large Pulses of High Nitrate Mississippi River Water	<b>Denise Reed</b> The Future of Coastal Louisiana: Expected Outcomes of Implementing the 2012 Master Plan	<b>Panel Discussion</b>	<b>Dan Childers</b> Ecosystem Services and Educational Opportunities Provided by an Aridland Urban Treatment Wetland in Phoenix AZ
5:00 - 7:00						
<b>Reception and Interactive Poster Presentations Session II (Caribbean Ballroom)</b>						

8:00 - 1:00	Registration Open; Exhibits & Posters on Display; Internet Café Open; Morning Refreshments					
9:00 - 10:00	<b>Plenary Session - Wetland Conservation &amp; Restoration</b> <b>Moderator: Ben LePage</b> <b>Plenary Speakers:</b> David White, USDA's Natural Resource Conservation Service, USA – "Producers Producing Results: Voluntary Conservation Working to Restore Wetlands and Protect Landscapes Across the Country" Stephen Polasky, University of Minnesota, USA – "Valuing Nature: Incorporating Ecosystem Services into Decision-Making" (Grand Sierra Ballroom D&E)					
10:00 - 10:30	Break (Caribbean Ballroom)					
10:30 - 12:00	Concurrent Sessions					
	145	146	147	148	149	150
Location	Grand Sierra Ballroom B	Grand Sierra Ballroom C	Antigua 1&2	Antigua 3&4	Bonaire 1&2	Bonaire 3&4
	Wetlands in Agricultural Watersheds	Role of the Lower Mississippi River for Sustainable Ecosystem Restoration in Coastal Louisiana	Ecosystem Restoration Output—Moving Beyond Habitat Units	Climate Change Effects on Coastal Wetlands	Ecological Risk Assessment: Lessons Learned and Future Directions	Greenhouse Gases
Moderator	Curtis Richardson	Richard Raynie	Brian Files	Ilka Feller, Matthew Kimball	Chris Wilson	Jackie Batson
10:30	Session Overview	Session Overview	Session Overview	Session Overview	Session Overview	Session Overview
10:40	Francisco Comin Planning Wetland Restoration in Agricultural Watersheds	Travis Creel The Mississippi River Commission - History of the Management of the Mississippi River	Jan Mackinnon Predicting Wetland Functions at the Landscape Level for Coastal Georgia	Karen McKee The Salt Marsh-Mangrove Ecotone and Vulnerability of Subtropical Coastlines to Sea-Level Rise	Stu Kogge Wetland and Stream Restoration Techniques Following Emergency Response Actions to the Line 6B Oil Spill in Marshall, Michigan	Frank Anderson Seasonal Carbon and Energy Fluxes for Restored Wetlands in the Sacramento – San Joaquin Delta, California, USA
11:00	Dan Keesee Wetland Functions in the Texas Rice Belt	Syed Khalil Sediment Management for Coastal Restoration in Louisiana - Roles of Mississippi & Atchafalaya Rivers	Laila Racevskis Coastal Ecosystem Services and Sea Level Rise in Florida: Understanding Public Perceptions and Values	Devendra Amatya Water Table Dynamics of Hydric Soils in the Lower Coastal Plain of South Carolina	Ramona Smith Determination of the Effects of Contaminant Mixtures on Aquatic Macrophytes	Gail Chmura Do Tidal Salt Marshes Release Greenhouse Gases during the Spring Thaw?
11:20	Carol Johnston Conversion of Wetlands to Row Crops in the Prairie Pothole Region	Cherie Price The Louisiana Coastal Area, Mississippi River Hydrodynamic and Delta Management (MRHDM) Study	Timothy Barber Habitat Evaluation Scoring Method to Estimate Ecosystem Service Improvements from Restoration	Glen Coldren Competition versus Facilitation: Testing Multiple Stress Gradient Effects on Salt Marsh and Mangrove Interactions	Damien Burrows Predicting Impacts of Development and Land Use Change upon Complex Wetland Systems in Largely Undeveloped Catchments in Northern Australia	Suzanne Hodgkins Causes of Methanogenesis-Linked Climate Feedbacks in a Discontinuous Permafrost Peatland
11:40	William Crumpton Water Quality Performance of Wetlands Receiving Nonpoint Source Loads	Richard Raynie State of the Science for Multipurpose Use of the Lower Mississippi River to Achieve Sustainability	Guerry Holm An Evaluation of Coastal Restoration Projects in Louisiana for Nutrient Credit Trading in the Lower Mississippi River Basin	Discussion	Weidong Wang Retention Potential of an Offline Pond-Wetland Combined System on River Water's PAHs through Superficial Sedimentation	Brianna Richards Greenhouse Gas Fluxes from Natural and Restored Wetlands in the Agricultural Midwest
12:15 - 1:00	<b>Closing Plenary Session (Grand Sierra Ballroom D&amp;E)</b> <b>Moderator: R. Eugene Turner</b> Glenn Guntenspergen, K. Ramesh Reddy & G. Ronnie Best - <i>Closing Acknowledgements</i>					
1:00	Conference Concludes (Exhibitors and Poster Presenters Move Out)					

8:00 - 1:00	Registration Open; Exhibits & Posters on Display; Internet Café Open; Morning Refreshments					
9:00 - 10:00	<p align="center"><b>Plenary Session - Wetland Conservation &amp; Restoration</b>  <b>Moderator: Ben LePage</b>  <b>Plenary Speakers:</b>  David White, USDA's Natural Resource Conservation Service, USA – "Producers Producing Results: Voluntary Conservation Working to Restore Wetlands and Protect Landscapes Across the Country"  Stephen Polasky, University of Minnesota, USA – "Valuing Nature: Incorporating Ecosystem Services into Decision-Making" (Grand Sierra Ballroom D&amp;E)</p>					
10:00 - 10:30	Break (Caribbean Ballroom)					
10:30 - 12:00	Concurrent Sessions					
	151	152	153	154	155	156
Location	Bonaire 5&6	Bonaire 7&8	Curacao 1&2	Curacao 3&4	Curacao 5&6	Curacao 7&8
	Phosphorus Removal Performance and Sustainability of Florida's Large-Scale Surface Flow Treatment	Wildlife in Greater Everglades and Coastal Ecosystems	Hydrology	Aquatic Habitat Restoration and Enhancement Program	Communication, Education and Outreach	Mangrove Ecology
Moderator	Forrest Dierberg	Kenneth Rice	Russ Weeks	Steve Rockwood	Heather Henkel	Dave Rudnick
10:30	Session Overview	Session Overview	Session Overview	Session Overview	Session Overview	Session Overview
10:40	<b>Tom DeBusk</b> A Perspective on Florida's Large-Scale Treatment Systems for Phosphorus Removal	<b>Stephanie Romanach</b> Forecasting Climate Change Effects on Threatened and Endangered Species in the Greater Everglades Ecosystem	<b>Terrie Lee</b> Standardized Methods to Compare Hydrologic Conditions in Depressional Freshwater Wetlands	<b>Steve Rockwood</b> Florida's Aquatic Habitat Restoration and Enhancement Program	<b>Stan Bronson</b> The Florida-UNESCO-IHE Hydroinformatics Program: Using the Everglades as a Laboratory for Learning	<b>Donna Devlin</b> Importance of Biodiversity and Biological Interactions on Mangrove Architecture in Mixed Saltmarsh/Mangrove Systems
11:00	<b>Robert Kadlec</b> Longevity of Phosphorus Control Marshes	<b>Margaret Hunter</b> Genetic Evidence for West to East Movement by Florida Manatees Through a South Florida Migration Corridor	<b>Yanyan Hua</b> Ecological Water Requirements Based on Water Level Simulation in the Yellow River Delta	<b>Jessica Griffith</b> A Prioritization Tool for Aquatic Restoration and Enhancement of Florida Public Lakes	<b>William Morgante</b> Wetland Gems of America	<b>Nibedita Mukherjee</b> Fighting on Arrival and Fighting for Survival: A Delphi Study on the Threats and Resilience of Mangroves
11:20	<b>Ed Dunne</b> Long-Term Phosphorus Removal Performance by a Large-Scale Constructed Wetland Treating Lake Water	<b>James Beerens</b> Wading Bird Foraging Trade-Offs in Response to the Production and Concentration of Prey	<b>Barclay Shoemaker</b> Evapotranspiration in the Big Cypress National Preserve, Southern Florida, 2007–2010	<b>Maria Merrill</b> Aquatic Habitat Management in Florida: A Program for Statewide Wetland Monitoring and Assessment	<b>BJ Jarvis</b> Community-Based Management of Non-Point Sources of Pollution	<b>Michael Osland</b> Projected Climate-Induced Mangrove Forest Range Expansion in the Southeastern U.S.: The Role of Winter Temperatures
11:40	<b>Mark Sees</b> The Orlando Easterly Wetlands: Sediment Accumulation Management Strategies for Prolonging Phosphorus Removal	<b>Discussion</b>	<b>Jared Theriot</b> Will Hydrologically Restored Mississippi River Wetlands Promote Critical Biogeochemical Function?	<b>Ed Harris</b> Florida Fish and Wildlife Conservation Commission - Hydrilla Management Position Statement	<b>Jan Goldman-Carter</b> Making Wetland Science Work for Wetlands: Perspectives from the Conservation Community	<b>Roy Lewis</b> Ecohydrologic Characterization as an Essential Tool for Successful Mangrove Forest Management and Restoration
12:15 - 1:00	<p align="center"><b>Closing Plenary Session (Grand Sierra Ballroom D&amp;E)</b>  <b>Moderator: R. Eugene Turner</b>  Glenn Guntenspergen, K. Ramesh Reddy &amp; G. Ronnie Best - <i>Closing Acknowledgements</i></p>					
1:00	Conference Concludes (Exhibitors and Poster Presenters Move Out)					