



4th National Conference on Ecosystem Restoration

The Spirit of Cooperation



AUGUST 1-5, 2011 | BALTIMORE, MARYLAND • USA | BALTIMORE MARRIOTT WATERFRONT

<http://www.conference.ifas.ufl.edu/NCER2011/>

NOTE: ITEMS HIGHLIGHTED IN YELLOW indicate late-breaking speaker revisions.

NCER 2011 Tentative Program Agenda

MONDAY	
Monday, August 1, 2011	
7:30am-5:30pm	Conference Registration Open (3rd Floor at top of Escalator)
7:30am	Morning Refreshments and Poster Session I Presenters & Exhibitors MOVE-IN to Set-Up Displays (Exhibit Hall - Grand Ballroom - 3rd Floor)
8:30am-12:00pm	OPTIONAL PRE-CONFERENCE WORKSHOPS (Consult the program book for meeting room locations if you registered for one of these workshops.)
12:00noon	Lunch on Own
1:00pm - 3:00pm	OPENING PLENARY SESSION (Harborside Ballroom - Level 4) MODERATORS: Suzette Kimball , Deputy Director, US Geological Survey - <i>and</i> - Don Boesch , President, University of Maryland Center for Environmental Science (UMCES) Plenary Speakers: The Honorable Jo-Ellen Darcy , Assistant Secretary of the Army (Civil Works) Benjamin Cardin , Senator, State of Maryland Martin O'Malley , Governor, State of Maryland David J. Hayes , Deputy Secretary, Department of the Interior
3:00pm	Refreshment Break (Exhibit Hall - 3rd Floor Grand Ballroom)

MONDAY								
Monday, August 1, 2011 (continued)								
Concurrent Sessions								
	Challenges & Lessons Learned: Everglades, Louisiana Coastal Area and Great Lakes Restoration	Regulatory Pollution Diet for the Six-State Chesapeake Bay Watershed	Ecosystem Services: Integrating Ecology and Economics	Integration of Science and Engineering I	Coastal Habitat Restoration	Adaptive Management toward Restoration Objectives	Urban Ecosystem Restoration	Riverine Recovery
	Harborside A & B 4th Floor	Harborside D & E 4th Floor	ESSEX 4th Floor	Laurel 4th Floor	Kent 4th Floor	Dover 3rd Floor	Waterside A Lobby Level	Waterside B Lobby Level
Moderator	Cheryl Ulrich	Richard Batiuk	Carl Shapiro	Ricardo Calvo	Robert Pace	Katelyn Lynch	Mark Jaworski	Chris Weber
AV Tech	Eliza Cava	Bronwyn Madeo	Don Hagan	Lewis Bush	Shae Luther	Ajay Sharma	Emily Rodriguez	Sean Sculley
3:30pm-5:00pm	Introduction & Overview	Introduction & Overview	Introduction & Overview	Introduction & Overview	Introduction & Overview	Introduction & Overview	Introduction & Overview	Introduction & Overview
3:40pm-4:00pm	Moderated Panel Discussion: Lessons learned related to improved cooperation at State and Federal levels in dealing with implementation and political challenges of large-scale restoration.	Gary Shenk - Components of the Chesapeake Bay TMDL	Stephen Faulkner - Integrated Modeling Framework for Forecasting Ecosystem Services	Jon Hendrickson - Island Construction-Rebuilding Natural Levees to Restore Hydrologic Connectivity	Bowdoin Lusk - Restoring Functional Oyster Reef Habitat in the Coastal Bays of Virginia	Andrew Tyre - Under What Conditions Might Ecologists Provide Evidence that Influences Decision Making?	Brian Murphy - A Past River for a Future Arizona – Salt River Environmental Restoration Project: Rio Salado Oeste Reach	Mark McKinstry - Recovering Endangered Fish in the San Juan River—Snatching Success From the Jaws of Nonnative Fish
4:00pm-4:20pm	Panel members: Kim Taplin (USACE WPB Deputy Program Manager for Restoration) Larry Gerry (SFWMD Chief Scientist & STA Issues Coordinator) Mark Wingate (USACE New Orleans Chief Projects Branch)	Jeni Keisman - Not All Loads Are Equal: Assigning Regional Pollutant Reductions in a Multi-State TMDL	Richard Bernknopf - Estimating the Supply of Ecosystem Services for a Carbon Resource Assessment	Mike Collis - Integration of Science and Engineering into Innovative Ecosystem Restoration Concepts for the CERP C-111 Spreader Canal Western Project	Robert Orth - Seed Addition Facilitates Eelgrass (<i>Zostera marina</i> L.) Recovery in a Coastal Lagoon System (USA)	Jim Vearil - Use of Robustness and Flexibility in Adaptive Management for Addressing Uncertainty	John O'Meara - Improving an Urban Ecosystem for Recreational Uses: The Carpenter Lake Restoration Project	Charles Young - Case Study: Riparian Habitat Restoration for Improved Water Quality and Habitat in Highly Developed Suburban Watershed, West Whiteland Township Park, Exton, PA
4:20pm-4:40pm	Bren Haase (LA OCP, Planning Section) Jan Miller (USACE ORD, Great Lakes Coordinator) and Jeff Skelding (Director for the Healing our Waters-Great Lakes Coalition, National Wildlife Federation)	Katherine Antos - A Roadmap and Weigh Stations: Creating an Accountability System for Implementing a Multi-Jurisdictional TMDL in the Chesapeake Bay Watershed	Darius Semmens - Assessment of Goods and Valuation of Ecosystem Services (AGAVES) in the San Pedro River Basin, Arizona and Mexico	David Smith - Choosing One Stream Restoration Alternative Among Many	Morris Perot - Habitat Improvements to the Motor Island Shoreline in the Upper Niagara River, NY: A Collaborative Approach	Dan Salas - Urban Coastal Wetland Restoration Planning in America's Birthplace: Lessons from the John Heinz NWR and 300 Years of Urbanization	Jill Stachura - Urban Ecosystem Restoration: An Example of Stream and Lake Restoration in Metropolitan Atlanta, GA	Christopher Svendsen - Yellowstone River - Intake Dam Fish Passage and Entrainment Prevention
4:40pm-5:00pm		Jennifer Volk - Delaware's Role in Restoring the Chesapeake Bay	Jonathan Winsten - Ecology, Economics, and Psychology (Psychoeconomics): Motivating Farmers Toward Cost-effective Actions Through Performance-based Incentives	Larry Gerry - Everglades Stormwater Treatment Areas: Two Decades of Integrating Science and Engineering for Ecosystem Restoration	Eric Swain - Estimation and Prediction of Coastal Landscape Changes Utilizing a Hydrodynamic Simulator and Aerial Photogrammetry	Timothy Fleeger - Big Muddy Metrics: Adaptive Management on the Missouri River	Mike Fowler - Comprehensive Watershed Planning for Nutrient Reduction in Ellerbe Creek, Durham, NC	Douglas Baughman - Chattahoochee River Dam Removal and Ecosystem Restoration Project: Meeting Ecosystem Restoration and Recreation Goals
5:00pm	PLENARY SOCIAL - The Future of NCER Join us for refreshments in Harborside Ballroom on the 4th Floor to discuss the Future of NCER.							
7:00pm - 9:00pm	Welcome Reception at the National Aquarium in Baltimore (Participants will walk to the nearby Baltimore Aquarium for a beautiful evening in aquatic surroundings.)							

TUESDAY								
Tuesday, August 2, 2011								
7:30am-5:30pm								
Conference Registration Open								
7:30am-8:30am								
Morning Refreshments in Exhibit Hall (Grand Ballroom - 3rd Floor)								
Plenary Session - Restoration Priorities (Harborside Ballroom - Level 4)								
MODERATOR: Don Boesch, President, University of Maryland Center for Environmental Science (UMCES)								
Plenary Speakers:								
The Honorable Robert Graham, Former Senator, State of Florida								
Barry Gold, Program Director, Marine Conservation Initiative, Gordon & Betty Moore Foundation								
Larry Schweiger, President and Chief Executive Officer, National Wildlife Federation								
8:30am-10:00am								
10:00am-10:30am								
AM Break in Exhibit Hall (Grand Ballroom - 3rd Floor)								
Concurrent Sessions								
10:30am-12:00noon								
Establishing Successful Science/Policy Linkages								
Climate Change Impacts on Chesapeake Bay Restoration								
Principles and Guidelines for Water Resources Planning and Implementation								
Governance and Management Decision Making								
USDA NRCS Mississippi River Basin Healthy Watershed Initiative								
Our Resilient Waterways: Balancing Urban Growth While Maintaining Sustainable Ecosystems								
Lake Restoration								
Incorporating Invasive Species Management in Ecosystem Restoration								
Harborside A & B 4th Floor								
Harborside D & E 4th Floor								
ESSEX 4th Floor								
Laurel 4th Floor								
Kent 4th Floor								
Dover 3rd Floor								
Waterside A Lobby Level								
Waterside B Lobby Level								
Moderator								
Matt Harwell								
Kevin Sellner								
Dave Tazik								
Dennis Kamber								
Danielle Flynn								
Andrew LoSchiavo								
Chris Ross								
Bill Zattau								
AV Tech								
Helena Gomes								
Shannon Philbin								
Steve Loughry								
Don Hagan								
Emily Rodriguez								
Thea Hotaling								
Katelyn Lynch								
Innocent Onnah								
10:30am-10:40am								
Introduction & Overview								
Introduction & Overview								
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Introduction & Overview								
Introduction & Overview								
10:40am-11:00am								
Matt Harwell & John Ogden - This session addresses the issue of establishing successful linkages between policy and science in restoration efforts. A panel of experts involving both scientists and policy makers will								
Raymond Najjar - Potential Climate Change Impacts on the Chesapeake Bay								
Robyn Colosimo, PE, Deputy Associate Director of Natural Resources, Council on Environmental Quality, will address the process of revising the P&G; policy, science and engineering issues, and emerging procedural guidelines and methodologies; P&G background, principles of modernization, an overview of the process, public comment perspectives, writing and vetting; she will also present results to date and status of the signed P&G, and applicability and guidelines under public review. Audience Q&A will follow.								
Pervaze Sheikh - Implementation and Governance of Large-Scale Ecosystem Restoration Initiatives: A Congressional Perspective								
Chris Hartley - Overview of the Mississippi River Basin Healthy Watersheds Initiative (MRBI)								
Wolfgang Wolter - Balancing Competing Priorities in an Urban Creek Restoration in Toronto Ontario Canada								
Andrew Hannes - Benthic Ecological Assessment for the Great Lakes Method								
Matthew Shanks - Interagency Monitoring of Bighead and Silver Carp in the Upper Illinois River and Chicago Area Waterways								
11:00am-11:20am								
1) discuss current challenges seen in restoration practices;								
2) explore proposed mechanisms to improve linkages; and								
3) outline next steps beyond NCER dialogue, followed by structured Q&A.								
Robert Wood - Using Historic Analogy to Evaluate How Future Climate Changes May Affect Chesapeake Bay and its Restoration Trajectory								
Igor Linkov - Decision Analysis and Ecosystem Restoration: Framework and Application Case Studies								
Robert Kellogg - The Effects of Conservation Practices on Environmental Quality in the Upper Mississippi River Basin								
David Gorman - Lower Columbia River Pile Dike Assessment								
Tim Fobes - Improving NEPA Alternatives Documentation for Objective Decision Making in Ecosystem Restoration and Endangered Species Recovery on the Missouri River: The								
Dave Wethington - The Great Lakes & Mississippi River Interbasin Study (GLMRIS)								
11:20am-11:40am								
William Stiles - Developing a "Toolkit" for Climate Change Adaptation in Virginia's Tidal Shoreline Communities								
Kenneth Mierzwa - Restoration Policy: A City Council Perspective								
Mike Sullivan - A Progress Report for Mississippi River Basin Healthy Watersheds Initiative Implementation in Arkansas								
Kathryn Barnicle - Ups and Downs of a Salt Marsh Restoration Project in an Urban Setting								
Carla Duncan - Lake Rehabilitation Options for the Machado Lake Ecosystem Rehabilitation Project								
Jon Lane - Everglades Restoration, Swamped by Invasive Species								
11:40am-12:00noon								
Mike Barnes - Downscaled Regional Climate Models and Future Chesapeake Bay Loads								
Jessica Weatherby - How to Proceed with Restoration Construction When Agricultural Chemicals Pose Ecological Bioaccumulation Concerns								
Trey Cooke - Mississippi River Basin Healthy Watersheds Initiative: Impacts in the Yazoo Basin								
Steve Wolf - Balancing the Development and Maintenance of Waterways with Ecosystem Protection and Restoration								
Nick Jokay - Geomorphological Interpretation of High Resolution DEMs from the GIS Desktop: A Case Study								
Ondrea Hummel - Invasive Species Management in the Southwestern United States								
12noon - 1:30pm								
Lunch on Own								

TUESDAY								
Tuesday, August 2, 2011 (continued)								
1:30pm - 3:00pm	Comparison and Contrast of Six Large-scale Ecosystem Restoration Programs	Lessons Learned and New Opportunities for Restoring Water Quality in Chesapeake Bay	Approaches to Environmental Benefits Assessment	Integration of Science and Engineering II	Ecosystem Restoration with Private Landowners through Partnerships	Decision Support Tools to Establish Restoration and Preservation Priorities	Restoring the New York Harbor Estuary	Invasive Species
	Harborside A & B 4th Floor	Harborside D & E 4th Floor	ESSEX 4th Floor	Laurel 4th Floor	Kent 4th Floor	Dover 3rd Floor	Waterside A Lobby Level	Waterside B Lobby Level
Moderator	Brad Thompson	Peter Tango	David Escude	Tim Feather	Philip Barbour	David Hanson	Lisa Baron	Dave Koran
AV Tech	Steve Loughry	Bronwyn Madeo	Ajay Sharma	Sean Sculley	Thea Hotaling	Eliza Cava	Helena Gomes	Don Hagan
1:30pm-1:40pm	Introduction & Overview	Introduction & Overview	Introduction & Overview	Introduction & Overview	Introduction & Overview	Introduction & Overview	Introduction & Overview	Introduction & Overview
1:40pm-2:00pm	This session provides a forum for comparison and contrast of a number of the nation's largest ecosystem restoration efforts. -Chesapeake Bay Program - Frank Dawson	Denice Wardrop - Water Quality Challenges in the Chesapeake Bay – The Science Dimension	Barbara Cintron - Calculating Environmental Benefits: Goals, Performance Measures, Performance Targets and Habitat Units	Eliza Hines - The Real World – Merging Science and Engineering for Ecosystem Restoration	Danielle Flynn - NRCS National Sage Grouse Initiative: Focused Working Lands Conservation	Joe DePinto - Evolution of Modeling Tools to Support Management and Restoration of the Great Lakes	Peg McBrien - Urban Wetland and Stream Restoration in the Hudson-Raritan Estuary	Alfred Cofrancesco - Restoration of Wetland Habitats Dominated by <i>Phragmites australis</i>
2:00pm-2:20pm	-Coastal Louisiana Area - Greg Miller -Everglades Restoration - Stu Appelbaum -Missouri River Recovery Program - Brad Thompson -California Bay Delta - Tom Kendall -Upper Mississippi River - Ken Barr	Rich Batiuk - Putting the 17 Million Chesapeake Bay Watershed Residents on a Regulatory Pollution Diet	Bruce Pruitt - Development and Application of a Piedmont Stream Conceptual Model	Wendy Katagi - Restoration Opportunities Spurred by Steelhead Recovery in Southern California	Dale Humburg - Wetland Restoration on Private Lands: Changing Perspectives and Future Challenges	David Hanson - Use of a Medical Model to Diagnose and Treat Ecological Systems	Terry Doss - Restoring Coastal Habitat in the Heart of New York City	Mark Lewandowski - Management Strategies for Water Chestnut (<i>Trapa natans</i>): A Historical Perspective
2:20pm-2:40pm		Scott Phillips - Applying Adaptive Management to Improve Water-Quality Decision Making: Implications for Restoring the Nation's Largest Estuary- Chesapeake Bay	Joe Berg - Prioritizing Watershed Restoration: Headwater versus Downstream Projects	Wayne Nelson-Stastny - Development of the Natural Resource Baseline Assessment for the Missouri River Ecosystem Restoration Plan	Trey Cooke - Partnerships Driving Ecosystems Restoration on Private Lands in the Yazoo Basin	Denise Reed - Using Science to Inform Decision Making in the Face of Uncertainty: A Tool for Prioritizing Coastal Restoration and Protection Projects in Louisiana	Roy Messaros - The Sustainability of a Tidal Salt Marsh Restoration Effort in Jamaica Bay, New York	William Holman - Applying Engineering Solutions to the Science of Invasive Aquatic Species Control – Asian Carp and Sea Lamprey
2:40pm-3:00pm		Vicki Blazer - Toxic Chemicals and Fish Health in Chesapeake Bay	Larry Schwartz - Evaluation of Environmental Benefits for the Louisiana Coastal Area (LCA) Small Diversion at Convent/Blind River Project	Daniel Baker - Incorporating Decision Analysis and Predictive Design into Stream Restoration: The Stream Project	Wes Burger - Ecosystem Restoration Efforts on Private Lands: The Role of Farm-scale Planning and Delivery	Panel Discussion	Chris Cotroneo - Harvesting Macroalgae as a Means of Reducing Nutrients in Jamaica Bay, New York City	David Bauman - Managing Invasive Plant Species in the Picayune Strand Restoration Project, Southwest Florida
3:00pm	PM Break							
3:30pm-5:00pm	Restoration Coffee House Plenary Session on Chesapeake Bay (Harborside Ballroom - Level 4) MODERATOR: Tim Wheeler, Reporter, The Baltimore Sun <u>Coffee House Panelists:</u> Jeff Corbin , Special Assistant to EPA Administrator—Chesapeake Bay Program Will Baker , President, Chesapeake Bay Foundation Ann Pesiri Swanson , Executive Director, Chesapeake Bay Commission Robert Summers , Secretary of the Environment, Maryland Department of the Environment							
5:00pm - 6:00pm	Plenary "Listening Session" with State & Federal Agency Representatives (This session will elicit feedback from stake-holders, cooperators and agency representatives as part of a "restructuring" of USGS mission areas by the Ecosystem Science Strategy Planning Team.)							
6:00pm-8:00pm	Poster Session I and Networking Reception in the Exhibit Hall (Grand Ballroom - 3rd Floor)							

WEDNESDAY								
Wednesday, August 3, 2011								
7:00am-1:00pm								
Conference Registration Open								
7:00am-8:00am								
Morning Refreshments in Exhibit Hall (Grand Ballroom - 3rd Floor)								
8:00am-9:30am	Ecosystems of National Significance	Chesapeake Bay Oyster Restoration under the Executive Order	Natural Resource Damage Assessment and Restoration Session 1	Louisiana Coastal Restoration & the Louisiana Coastal Area (LCA) Projects	Building with Nature: Combining Ecological and Economic Interests	The Baltimore Watershed Agreement: An Interjurisdictional Approach to Watershed Restoration	Managing the Science of Everglades Restoration	Water Quality Nutrients, Contaminants and Sustainable Sediment Management
	Harborside A & B 4th Floor	Harborside D & E 4th Floor	ESSEX 4th Floor	Laurel 4th Floor	Kent 4th Floor	Dover 3rd Floor	Waterside A Lobby Level	Waterside B Lobby Level
Moderator	Roselle Henn	Bruce Vogt	Michael Hooper	Mark Wingate	Barry Dubinski	Nicole Stern	Gretchen Ehlinger	Wendy Sotera
AV Tech	Katelyn Lynch	Thea Hotaling	Sean Sculley	Lindsay Dunaj	Ajay Sharma	Dillion Asher	Shae Luther	Don Hagan
8:00am - 8:10am	Introduction & Overview	Introduction & Overview	Introduction & Overview	Introduction & Overview	Introduction & Overview	Introduction & Overview	Introduction & Overview	Introduction & Overview
8:10am - 8:30am	James Edward - Vision for Protecting and Restoring the Chesapeake Bay Watershed Restoration and Measuring Success	Bruce Vogt - Collaborative Approach to Bay Oyster Restoration	Steve Glomb - Overview of Natural Resource Damage Assessment and Restoration	Darrel Broussard - Coastal Restoration and Louisiana Coastal Area (LCA) Overview, US Army Corps of Engineers	Huib de Vriend - Building with Nature: Nature Beyond Restoration	Nicole Stern - An Introduction to the Baltimore Watershed Agreement Action Plan	Dave Tipple - Interagency Scientific Oversight of Everglades Restoration: RECOVER Ten Years Later	Zhonglong Zhang - Development of SWAT Models to Quantify Sediment and Nutrient Losses from Missouri and Upper Mississippi River Basins
8:30am-8:50am	Kelly Baxter-Osborne - Puget Sound Nearshore Ecosystem Restoration Project: Defining Restoration Vision and Measuring Success	Angela Sowers - Chesapeake Bay Oyster Restoration: The USACE Perspective - Past, Present and Future	Kristin Skrabis - The Role of Economics in the Natural Resource Damage Assessment and Restoration Process	Bren Haase - Louisiana Coastal Restoration and LCA Overview, State of Louisiana's Perspective	Karin Krchnak - Effective Partnering to Advance Integrated River Basin Management	Steven Stewart - The Baltimore Watershed Agreement: Challenges & Successes of Collaborative County, City, & NGO Monitoring Efforts	Fred Sklar - A Conceptual Ecological Model for Everglades Tree Islands	John Brakebill - Supporting Chesapeake Bay Restoration by Modeling Nutrient and Sediment Sources and Transport
8:50am-9:10am	Peter Weppler - Restoration Planning for the Hudson-Raritan Estuary – An Example of Collaboration	Eric Weissberger - Maryland's Role in Chesapeake Bay Oyster Restoration	Janet Whitlock - The Nexus Criterion: Linking Resource Injuries to Restoration Projects	Cynthia Duet - Disconnect Between Restoration Planning And Restoration Needs: Advocating a Different Timeline	Kevin Brennan and Mark Mendelsohn - Remote Island Restoration in the Chesapeake Bay Through the Beneficial Use of Dredged Material	Duncan Stuart - Baltimore Watershed Agreement (BWA): Challenges & Successes of Collaborative Planning	Susan Kemp - Setting Salinity Targets for Restoration in South Florida's Estuaries	William Orem - Sulfate as a Contaminant in Freshwater Ecosystems – Sources, Impacts and Mitigation
9:10am-9:30am	Susan Rees - Gulf Coast Restoration Mississippi Style: Achieving the Philosophy of the Gulf of Mexico Alliance through Mississippi Coastal Improvement Program	Howard Townsend - The Oyster Data Tool: Compiling State and Federal Oyster-related Data into a Single Database	Molly Spurduto - Benefits of Monitoring Common Loon Restoration Following the North Cape Oil Spill	Barbara Kleiss - Promoting Science-based Decisions: The Louisiana Coastal Area (LCA) Science and Technology (S&T) Program	Alex Brunton - Analysis of Flooding and Sediment Transport by Numerical Modeling as Part of the Don River Mouth Naturalization Project, Toronto	Nancy Pentz - BWA: Challenges and Successes of Collaborative County, City, and NGO Public Outreach and Awareness Efforts	Agnes McLean - Adaptive Management in Everglades Restoration: Decompartmentalization of Water Conservation Area 3	Nicholas Albergo - Latex Recovery and Process Water Treatment, Liberia, West Africa
9:30am-10:00am	AM Break on the Exhibit Hall (Grand Ballroom - 3rd Floor)							

WEDNESDAY								
Wednesday, August 3, 2011 (continued)								
10:00am-11:30am	Facilitating Environmental Restoration through the Application of Ecosystem Services	Stormwater Management and Water Quality Challenges in Chesapeake Bay	Natural Resource Damage Assessment and Restoration Session 2	Louisiana Coastal Restoration	Overcoming Institutional Barriers for Effective Implementation of Adaptive Management	Ecosystem Restoration Program Management and Large Scale Project Management I	Ecosystem Restoration and Large-Scale Project Implementation: The Ohio River Basin	Use of Remote Sensing and Mapping in Ecosystem Restoration
	Harborside A & B 4th Floor	Harborside D & E 4th Floor	ESSEX 4th Floor	Laurel 4th Floor	Kent 4th Floor	Dover 3rd Floor	Waterside A Lobby Level	Waterside B Lobby Level
Moderator	David Moore	Andrea Ryon	Susan Kennedy	Rob Daoust	Tom St Clair	Eric Hughes	Beth Cade	Joanne Chamberlain
AV Tech	Don Hagan	Bronwyn Madeo	Innocent Onnah	Ajay Sharma	Eliza Cava	Shae Luther	Thea Hotaling	Shannon Philbin
10:00am-10:10am	Introduction & Overview	Introduction & Overview	Introduction & Overview	Introduction & Overview	Introduction & Overview	Introduction & Overview	Introduction & Overview	Introduction & Overview
10:10am-10:30am	Lisa Wainger - Measuring Economic Benefits of Restoration for Spatial Targeting and Ecosystem Service Trades or Offsets	Pete Hill - Stormwater Management and Habitat Restoration for the Benefit of the District of Columbia and the Bay	Jennifer Hill-Kelley - Assessment and Restoration of Tribal Cultural Resources	Yvonne Allen - Using Systemwide Assessments of Habitat Condition in the Atchafalaya Basin to Identify and Evaluate Management Improvements	Kenneth Barr - Towards Effective Adaptive Management on the Upper Mississippi River System	Megan Roessing - An Overview of the Collaborative Forest Landscape Restoration Program	Beth Cade - Watershed Planning for Restoring Sustainable Ecosystems in the Ohio River Basin	Raul Mercado - HyperSpectral / LIDAR/RADAR Imagery for Water Quality Monitoring and Environmental Assessment in Ecosystem Restoration
10:30am-10:50am	Wayne Munns - Improving Hazardous Waste Site Remediation and Restoration Decisions Using Ecosystem Services	Stephanie Johnson - Achieving Nutrient and Sediment Reduction Goals in the Chesapeake Bay: An Evaluation of Program Strategies and	Michael Hooper - Confronting Climate Change through Restoration - Department of the Interior NRDAR Program	Melissa Kenney - Integrating Delta Building Physics & Economics: Optimizing Engineered Avulsions in the Mississippi Delta	Craig Fleming - Organizational Restructuring has Facilitated Implementation of AM for MRRP	Betty Dehoney - Bay Delta Conservation Plan	Rob Simmonds - The Ohio River Basin Fish Habitat Partnership and Aquatic Ecosystem Restoration	Lawrence Spencer - Responses of Floodplain Wetland Vegetation to Kissimmee River Restoration Project Phase I
10:50am-11:10am	Matthew Wartian - Role of Ecosystem Services in Habitat Equivalency Analysis	Alexis Coplin - A Landscape Assessment of Nutrient Loading Potential to the Chesapeake Bay	Bruce Bayne - A Company Perspective on Cooperative Assessment and Restoration: A Case Example from a CERCLA Site	Jason Farmer - Ecosystem Planning at Warp Speed: The LCA Medium Diversion at White Ditch Story	Andy LoSchiavo - Everglades Restoration AM Program: Challenges and Solutions	David Galat - Great Rivers that Work for People and Nature	John Stark - The Nature Conservancy's Ecosystem Strategies and Objectives for the Ohio River Basin	Holly Beck - Accessing Biophysical Signatures in Remote Sensing Data to Inform Eco-hydromorphic Characterization of the Louisiana Coastal Landscape
11:10am-11:30am	Steve Gruber - Role of Ecosystem Services in Watershed Management	Justin Lennon - Trash Talk: Cleaning up the waters in Baltimore City and the Watershed 263 Trash Collection Program	John Schmerfeld - Restoration Options for Neotropical Birds: A Look Toward the Future	Lawrence Haase & Lucila Silva - Louisiana Coastal Restoration and Protection Planning Strategies: Projects to Implementation	Jennifer Pratt Miles - Designing Collaborative Approaches for Effective Adaptive Management	Christopher McVoy - The River of Grass Paradigm: Everglades Restoration Planning through Model-Assisted, Interactive Public Engagement	Richard "Gus" Drum - Using Section 729 Watershed Assessments for Ecosystem Restoration in the Ohio River Basin	Amanda Oliver - Bathymetric Data and Aerial Photography Provide Insight into Five Decades of Lower Mississippi River Side Channel Change
10:30am - 11:30am	Board Buses for Optional Field Trips (Some trips to distant locations must depart earlier. Consult the program book for a detailed boarding schedule for each trip. Feel free to check with the registration staff to see if there are vacancies.)							
11:30am-7:00pm	Afternoon on Own for Field Trips, Ad Hoc Meetings or Networking							
6:00pm - 7:00pm	<u>PUBLIC LECTURE HOSTED BY US Geological Survey (Harborside Ballroom A & B - Level 4)</u> "Science to Inform Chesapeake Bay Restoration Efforts: A Discussion of Land Use, Water Quality, Fish and Wildlife Conditions"							

THURSDAY								
Thursday, August 4, 2011								
7:30am-5:30pm	Conference Registration Open							
7:30am-8:30am	Morning Refreshments in the Exhibit Hall (Grand Ballroom - 3rd Floor)							
8:30am-10:00am	<p align="center">Plenary Session - Linking Land and Ocean (Harborside Ballroom - 4th Floor)</p> <p align="center">MODERATOR: Suzette Kimball, Deputy Director, US Geological Survey</p> <p align="center">Plenary Speakers: Larry Robinson, Assistant Secretary for Commerce for Oceans and Atmosphere, NOAA Kameran Onley, Director of US Marine Policy, The Nature Conservancy Dave White, Chief, USDA Natural Resources Conservation Service (NRCS)</p>							
10:00am-10:30am	AM Break in the Exhibit Hall (Grand Ballroom - 3rd Floor)							
	Implementation and Political Challenges to Ecosystem Restoration	Assessing Ecosystem Service Benefits of Ecosystem Restoration and Management	Planning and Design for Climate Change Impacts: Ebb and Flood	Implementing Restoration: Progress in the Light of Process	Ecosystem Restoration Program Management and Large-Scale Project Implementation	Real Estate Challenges Within Large Scale Ecosystem Restoration Programs	Resilience of Integrated Coastal Systems	Instream and Freshwater Inflow Development
	Harborside A & B 4th Floor	Harborside D & E 4th Floor	ESSEX 4th Floor	Laurel 4th Floor	Kent 4th Floor	Dover 3rd Floor	Waterside A Lobby Level	Waterside B Lobby Level
Moderator	Scott Slocum	Dennis King	Karen Appell	Casey Kruse	Brian Files	Chuck Padera	S. Kyle McKay	Laura Stroup
AV Tech	Steve Loughry	Helena Gomes	Lewis Bush	Dillion Asher	Innocent Onnah	Bronwyn Madeo	Shannon Philbin	Lindsay Dunaj
10:30am-10:40am	Introduction & Overview	Introduction & Overview	Introduction & Overview	Introduction & Overview	Introduction & Overview	Introduction & Overview	Introduction & Overview	Introduction & Overview
10:40am-11:00am	Eliza Cava - Evolution of an Idea and an Institution: Assessing Army Corps of Engineers Progress in Large-Scale Ecosystem Restoration in the Florida Everglades	Todd Gartner - Using Incentives to Connect Forests, Water, and Communities in the Northeast United States	This session features presentations by multi-disciplinary experts followed by Q&A. PANELISTS: Art Miller, Christine May, Helen K.C. McMillan, Bethany Bearmore, Peter Weppler & Peter Wijsman	Mary Roth - Challenges of Stakeholder Engagement in the Missouri River Recovery Program	Storm Cunningham - Designing, Funding, Implementing and Managing Large-scale, Long-term Ecosystem, Watershed and/or Fishery Restoration Programs	Sharon Conklin - Relocating a Way of Life	Kyle McKay - Assessing Resilience of Coastal Ecosystems	Denise Reed - How Much Flow is Enough? Contrasting the Role of Riverine Inputs in Estuarine Ecosystem Restoration in California Bay-Delta and the Mississippi Delta
11:00am-11:20am	Eric Bush - Managing Implementation of an Ecosystem Restoration Program	Leslie Richardson - Benefit Transfer and Visitor Use Estimating Models of Wildlife Recreation, Species and Habitats	*Planning for the Impact of Climate Change for FEMA's National Flood Insurance Program *Adapting to Rising Tides: San Francisco Bay Area	Gretchen Ehlinger - Working with FACA - Challenges to Large Scale Ecosystem Restoration Programs	Kevin O'Donnell - Integration of Existing EPA Authorities and New Restoration Efforts to Accelerate Recovery of Areas of Concern in the Great Lakes Basin	Willie Patterson - Real Estate Acquisition: Post Hurricane Katrina	Bhaskaran Subramanian - Enhancing Coastal Resilience with Integrated Planning by the State of Maryland	Danielle Kreeger - Importance of Freshwater Inflow for Natural Resources of the Lower Delaware River Basin and Estuary
11:20am-11:40am	Jed Redwine - Where Should We Act and at What Scale? Defining the Meaning of Restoration from an Ecological Perspective	Katherine von Stackelberg - A Systematic Review of Ecosystem Services from Green Space	*Addressing Sea Level Rise Impacts on Tidal Wetland Restoration Projects: Development of NOAA Design Guidance and Potential Applications	Kim Dryden - Picayune Strand Restoration Project in Southwest Florida: A Landscape Perspective and Interagency Effort	Dan Miller & Marvin Hubbell - Environmental Restoration on the Upper Mississippi River System: The USACE/Contractor Relationship	Brad Thompson - Federal Mandates and Willing Sellers: Real Estate Acquisition for the Missouri River Recovery Program	Leslie Suazo - Resilience in Coastal Louisiana	Shae Luther - The Importance of Reuse Water in Instream and Freshwater Inflows: the Case of Texas
11:40am-12:00pm	Jim Henderson - Ecosystem Services and the Corps of Engineers: Now that We've Identified Them, We're Figuring Out What to Do	Kathy Anderson - Environmental Benefits of an Urban Stream Restoration		Greg Miller - Effective Public Involvement Strategies for Restoration Planning	Orlando Ramos-Gines - Maximizing Learning and Successes of Fast-Paced Large-Scale Projects While Adapting Bureaucratic Processes and Practices	Bruce Sackett - Platte River Recovery Implementation Program: Real Estate Methods of a Willing Buyer Willing Seller Acquisition Program	Craig Fischenich - A Framework for Adaptively Managing Restoration Projects in Coastal Louisiana	Paul Conrads - Analyzing the Effects of the Hydroelectric Plant Releases on the Hydrology of the Congaree National Park Floodplain, South Carolina
12noon - 1:30pm	LUNCH ON OWN							

THURSDAY								
Thursday, August 4, 2011 (continued)								
1:30pm-3:00pm	Making Adaptive Management Meaningful – Bridging the Science / Decision-Making Gap	Addressing Water Resources Challenges in the Sacramento – San Joaquin Bay-Delta	Restoration Efforts on Private Lands	Legal Issues in Ecosystem Restoration	Stakeholder Engagement and Perspectives	Integrating Long-term Proxy Records of Sea-level Rise and Climate Change into Planning	Foundations for Large River Restoration Planning	Dam Removal: The Goldilocks Approach
	Harborside A & B 4th Floor	Harborside D & E 4th Floor	ESSEX 4th Floor	Laurel 4th Floor	Kent 4th Floor	Dover 3rd Floor	Waterside A Lobby Level	Waterside B Lobby Level
Moderator	Chad Smith	Paul Robershotte	Erik Meyers	Phil Steffen	Erik Neidy	Debra Willard	Robert Pace	Serena McClain
AV Tech	Eliza Cava	Lewis Bush	Helena Gomes	Lindsay Dunaj	Shae Luther	Katelyn Lynch	Steve Loughry	Emily Rodriguez
1:30pm-1:40pm	Introduction & Overview	Introduction & Overview	Introduction & Overview	Introduction & Overview	Introduction & Overview	Introduction & Overview	Introduction & Overview	Introduction & Overview
1:40pm-2:00pm	Ernest Clarke - Bridging the Science / Decision-Making Gap in the Trinity River Restoration Program	Chip Smith - Proactive Solutions for America's Water Resources Needs: Planning for Tomorrow's Challenges	Katherine Basiotis - Protecting the Chesapeake Bay: Voluntary Projects on Private Lands	Katherine Chekouras - Restoration on Former Agricultural Lands: The CERP and Evolving Corps HTRW Policy	Susan Testroet-Bergeron - Exercising Various Techniques to Engage the Public in Louisiana's Coastal Restoration	Laura Brandt - Reconstructing Vegetation Response to Altered Hydrology and its Use for Restoration - Arthur R. Marshall Loxahatchee National Wildlife Refuge	Robert Jacobson - Conceptualizing and Communicating Ecological River Restoration	Jennifer Bountry - Guidelines for Assessing Sediment-related Effects of Dam Removal
2:00pm-2:20pm	Dennis Kubly - The Intersection of Science and Decision Making in the Glen Canyon Dam Adaptive Management Program	Paul Robershotte - A Systems Framework for the Bay-Delta: A Regional Perspective	Frank Casey - Implementing Landscape Conservation Cooperatives: Science and Policy Implications of Payments for Ecosystem Services Programs	Herman Jarboe - Legislative Drafting Service Fundamentals for Ecosystem Restoration Projects	Karla Sparks - Innovative Methods for Incorporating Tribal Natural Resource Information into the Missouri River Ecosystem Restoration Plan	Ellen Thomas - Long Island Sound: Relative Sea Level Rise over the Last Millennium	John Nestler - The River Machine: A Conceptual Model for Large Rivers Integrating Fish Movement and Habitat, Fluvial Geomorphology, Fluid Dynamics and Biogeochemical Cycling	Adam Pearson - Geomorphic Response of the Souhegan River to the Removal of the Merrimack Village Dam
2:20pm-2:40pm	Kent Loftin - The Science-Decision Making Interface of the Kissimmee River Restoration Program	Brooke Schlenker and Ed DeMesa - Integrated Flood Risk Management and Ecosystem Restoration on McCormack-Williamson Tract	Anthony St. Aubin - Skokie River Woods Wetland Restoration and Enhancement Project	Cheryl Ulrich - Endangered Species Act's Implementation Challenges to Large Scale Ecosystem Restoration Programs	Kelly Brennan - The Importance of Stakeholder Involvement in Small Watershed Action Plans & Maintaining Stream Health	Lynn Wingard - Potential Impacts of Climate Change and Sea Level Rise on South Florida's Coastal Wetlands	Kelly Burks-Copes - Ecosystem Modeling for the Missouri River Cottonwood Management Plan	Mary Andrews - Designing and Implementing Dam Removal Projects in the Context of the Regulatory Climate: The Simkins Dam Removal Case Study
2:40pm-3:00pm	David Marmorek - What Determines Whether or Not Adaptive Management Programs Affect Management and Policy Decisions?	Paul Robershotte - Integrated Sustainable Water Management for California: Addressing Current Physical and Institutional Challenges to Meeting Future Needs	Jeffrey Lee - Valley Creek Watershed and Stream Restoration	Althea Hotaling - Policy and Permitting Recommendations to Promote and Increase the Effectiveness of Submerged Habitat Restoration Efforts in Southwest Florida	Cynthia Wood - The NRCS/USACE Partnership Handbook: A Field Guide to Working Together Toward Shared Goals	Christopher Bernhardt - Marl Prairie Vegetation Response to 20th Century Land Use and its Implications for Management in the Everglades	John Nestler - Reference Condition Approach to Large River Restoration Planning	Mathias Collins - Improving Implementation and Effectiveness Monitoring at Dam Removal Sites and their Integration with Project and Program Planning
3:00pm	PM Break in Exhibit Hall (Grand Ballroom - 3rd Floor)							
3:30pm	<p align="center">Restoration Coffee House Plenary Session on Communication in Ecosystem Restoration</p> <p align="center">MODERATOR: Terence Smith, PBS Award-winning Journalist</p> <p align="center">Coffee House Panelists: Tom Horton, Author Chris Mooney, Freelance Writer David Fahrenthold, The Washington Post Christopher Joyce, National Public Radio</p>							
5:30pm-7:30pm	<p align="center">Poster Session II and Networking Reception in the Exhibit Hall (Grand Ballroom - 3rd Floor)</p>							

FRIDAY								
Friday, August 5, 2011								
7:30am-1:00pm	Conference Registration Open							
7:30am-8:30am	Morning Refreshments in the Exhibit Hall (Grand Ballroom - 3rd Floor)							
8:30am-10:00am	Climate Change and Restoration	Pieces of the Puzzle: Restoring the Chesapeake Bay Ecosystem	Management Aspects of Large Scale Ecosystem Restoration	Environmental Benefit Justification on Ecosystem Restoration Projects	Great Lakes Restoration Initiatives and Approaches	Aquatic Habitat Restoration and Adaptive Management in Southwest U.S.	Estuarine Ecosystems Restoration	Dam Removal
	Harborside A & B 4th Floor	Harborside D & E 4th Floor	ESSEX 4th Floor	Laurel 4th Floor	Kent 4th Floor	Dover 3rd Floor	Waterside A Lobby Level	Waterside B Lobby Level
Moderator	Glenn Landers	Rich Batiuk	Peyton Robertson	Susan Conner	Joe Pfeiffer	N. Kennedy & L. Skaggs	Scott Phillips	Heather Day
AV Tech	Lewis Bush	Steve Loughry	Dillion Asher	Helena Gomes	Sean Sculley	Shannon Philbin	Innocent Onnah	Lindsay Dunaj
8:30am - 8:40am	Introduction & Overview	Introduction & Overview	Introduction & Overview	Introduction & Overview	Introduction & Overview	Introduction & Overview	Introduction & Overview	Introduction & Overview
8:40am - 9:00am	Matthew Goldman - Mitigation, Adaptation, Resilience: The Evolving Role of Climate Change in Restoration	John Shuman - A History of Agricultural BMPs in the Octoraro Creek Watershed and Associated Nutrient Load Reductions to Chesapeake Bay	Todd Hopkins - Landscape Conservation Cooperatives: Working Together to Sustain America's Land, Water, Wildlife and Cultural Resources	Brad Foster- Tamiami Trail: Comparison of Ecological Benefit Methods Used by Different Federal Agencies	Mike Greer - US Army Corps of Engineers Role in the Great Lakes Ecosystem Restoration Initiative	Ondrea Hummel - Evaluating Restoration Success and Applying Adaptive Management in the Middle Rio Grande Bosque	Laura Lee Wilkinson & Lee Walker - Planning Hurricane Storm Damage Risk Reduction: Minimizing Impacts to Lake Pontchartrain	David Huntress - "Natural" Riverine Recovery Following Dam Removal
9:00am - 9:20am	Cindy Barger - Thinking Ahead: Incorporating Climate Change into Aquatic Ecosystem Restoration Planning for the Ala Wai Watershed Project	Rebecca Golden - Maryland's Large-scale Eelgrass (<i>Zostera marina</i>) Restoration: A Retrospective Analysis of Techniques, Costs and Monitoring	Sarah Miller- Defining the Spatial and Temporal Extent of Ecosystem Restoration Project Environmental Benefits	Richard Cole - A Case Study Comparison of Two Indices for Ranking Ecosystem Restoration Projects Based on National Benefit	Burton Suedel - Concept and Approaches for Adding Environmental Enhancements to Great Lakes Breakwaters and Jetties	Daniel Artho - Ecosystem Restoration on the Truckee River, Nevada: Integrating Ecosystem Restoration with Flood Risk Management in High-desert Landscape	David Gorman - Wapato Access Feasibility Study: Restoring Columbia River Salmonid Rearing Habitat	Shane Cline - Gold Ray Dam Removal – Removal of the Last Fish Barrier on the Lower Rogue River
9:20am - 9:40am	Randy Davis - Wildland Forest Soil Carbon Management	Sharon Madden - Environmental Management at DoD Facilities in the Chesapeake Bay Region	Brian Mastin - Bioremediation's Integral Role in Ecosystem Restoration and Rehabilitation	Joe Berlin - Estimating Recreational Benefits from Coastal Restoration Projects in Louisiana	Don Schloesser- Restoration of Burrowing Mayflies (<i>Hexagenia spp.</i>) in the Laurentian Great Lakes	Thomas Keeney - Endangered Species Ecosystem: Striking a Balance Using Flood Risk Management	Frank Marshall - Setting Restoration Targets in Florida Bay Using Paleoecology and Salinity / Hydrology Models	Mark Riedel - Marion Mill Pond Dam Removal and Stream Restoration for Great Lakes Fisheries Restoration
9:40am - 10:00am	Fred Bloetscher - Fighting Water with Water: Counteracting the Impact of Sea Level Rise on South Florida Waters	Greg Noe - The Effects of Riparian Ecosystem Processes on Water Quality: Nutrient Mineralization and Budgeting	Jeff Couch - Central and Southern Florida: West Palm Beach Canal (C51) STA 1- East Improvements	Dennis Duke - Challenges in Benefit Analysis and Project Justification	NO SPEAKER -	Peter LaCivita - Estuarine Restoration in San Francisco Bay: Design and Adaptive Management	Kat Morgan - Fish and Floods – Where Trackhoes Hit the Mud in Puget Sound's Stillaguamish Estuary	Jock Conyngham - Rethinking Instream Structures
10:00am - 10:20am	Steve Traxler - Addressing the Challenge of Climate Change in the Greater Everglades Landscape	Kennedy Paynter - Oyster Restoration in Maryland	Jeremy Crossland - USACE Moves Toward Improved Invasive Species Management Activities	Jeffrey Tripe - Integrating Conservation Planning Methods, Conceptual Models, USACE Planning Requirements and NEPA	NO SPEAKER -	Brian Luke - Forecasting Fish Response to Habitat Features in Developing Riparian Project Design Alternatives	Chris Cotroneo - Working Towards Nutrient Reduction in Eutrophic Urban Estuary: Ribbed Mussel Biofiltration in Jamaica Bay	Elvidio Diniz - Dam Removal Impacts – Planning Considerations
10:20am-10:30am	AM Break and Session II Poster Removal (Exhibit Hall - 3rd Floor)							

FRIDAY	Friday, August 5, 2011 (continued)
10:30am-12:00pm	<p>Closing Plenary Session - Restoration After the Deepwater Horizon Oil Spill (Harborside Ballroom A & B - 4th Floor)</p> <p>MODERATOR: Suzette Kimball, Deputy Director, US Geological Survey</p> <p>Plenary Speakers:</p> <p>Lisa Jackson, Administrator, US Environmental Protection Agency (EPA) Garret Graves, Chair, Coastal Protection and Restoration Authority of Louisiana (CPRA) Don Boesch, President, University of Maryland Center for Environmental Science (UMCES)</p>
12:00noon	CONFERENCE CONCLUDES
10:30am-2:00pm	<p>Exhibitors & Session II Posters Move Out (All displays must be removed by 2:00pm)</p>