

# PROGRAM AGENDA

## National Conference on Ecosystem Restoration (NCER 2013)

July 29-August 2, 2013 / Greater Chicago, IL / Great Lakes Region / Schaumburg Renaissance Convention Center

### Monday, July 29, 2013

7:00am-  
5:30pm

**Conference Registration Opens** [Schaumburg Foyer North]

7:00am -  
8:00am

**Early Morning Refreshments for Field Trip Participants** [Schaumburg Foyer North]

8:00am-  
5:30pm

#### **OPTIONAL Pre-Conference Technical Training Field Trip**

The bus departs promptly at 8am; please arrive at the bus loading area no later than 15 minutes prior to departure. A detailed itinerary is outlined in your program booklet and on the conference web site.

12:00pm-  
6:00pm

#### **Poster Presenter & Exhibitor Move-In** [Exploration Hall A]

NOTE: Exhibits and ALL posters move in on Monday and will be on display throughout the duration of the conference. Half of the poster presenters will be asked to stand at their poster during the Formal Poster Session One and Networking Reception on Tuesday. The other half will be asked to stand at their poster during Formal Poster Session Two and Networking Reception on Thursday.  
[Please consult the Poster Session Directory for a detailed schedule of poster presentations.]

8am-8pm  
Daily

#### **IMPROMPTU MEETINGS**

If you wish to gather with colleagues and hold impromptu meetings during NCER, a meeting room is blocked to accommodate up to 15 people. A sign up sheet to reserve the room is stationed at the entrance of the Poster Display Area of the Exhibit Hall.

**Tuesday, July 30, 2013**

7:30am-5:30pm	<b>Conference Registration</b> [Schaumburg Foyer North]					
7:30am - 9:00am	<b>Early Morning Refreshments in the Exhibit Hall and Poster Display Area</b> [Exploration Hall A]					
9:00am - 10:00am	<p><b>OPENING PLENARY SESSION</b> [Schaumburg West]</p> <p><b>Rachel Jacobson</b>, Acting Assistant Secretary for Fish and Wildlife and Parks, US Department of the Interior</p> <p><b>SESSION MODERATOR: Don Scavia</b>, Graham Family Professor of Environmental Sustainability, University of Michigan</p>					
10:00am - 10:30am	<b>AM Networking Break in the Exhibit Hall and Poster Display Area</b> [Exploration Hall A]					
	<b>Schaumburg A&amp;B</b>	<b>Schaumburg C&amp;D</b>	<b>Innovation</b>	<b>Imagination</b>	<b>Connection</b>	<b>Knowledge</b>
	<b>Session 1</b>	<b>Session 2</b>	<b>Session 3</b>	<b>Session 4</b>	<b>Session 5</b>	<b>Session 6</b>
10:30am - 12noon	<b>Incorporating Climate Adaptation into Large-Scale Ecosystem Restoration</b>	<b>Monitoring and Assessment</b>	<b>Restoring Streams and Rivers in an Urban Environment</b>	<b>Toward Environmentally Beneficial Conservation Practices in Great Lakes Agricultural Watersheds</b>	<b>Policy &amp; Partnership for Ecosystem Restoration</b>	<b>Near-Shore Ecosystem Restoration</b>
<b>Moderator</b>	<b>Victoria Pebbles</b>	<b>Tom Slowinski</b>	<b>Terry Doss</b>	<b>Joseph DePinto</b>	<b>Timothy Feather</b>	<b>David Hanson</b>
10:30am-10:40am	<b>Session Overview</b>	<b>Session Overview</b>	<b>Session Overview</b>	<b>Session Overview</b>	<b>Session Overview</b>	<b>Session Overview</b>
10:40am-11:00am	<b>Dawn Shirreffs</b> Rising Tide - Adapting Everglades Ecosystem Restoration to Climate Change	<b>Mike Habberfield</b> Comparison of Rapid Stream Assessment Techniques across a Gradient of Disturbance	<b>Scott Estergard</b> The Los Angeles River and Large-Scale Urban Ecosystem Restoration	<b>Dennis McGrath</b> Sustaining Aquatic Ecosystems in Agricultural Watersheds	<b>Joe Pfeiffer</b> Ecosystem Restoration with Gorilla Tactics: Restoration of Grand Lake St. Marys Ecosystem Through Economic Development	<b>Ray Dennis</b> A New Approach to Seagrass Restoration through Landscape Manipulation
11:00am-11:20am	<b>Don Boesch</b> Incorporating Climate Change Adaptation into Chesapeake Bay Ecosystem Restoration	<b>H. Lee Case III</b> Development of a Monitoring and Assessment Plan for the Salton Sea, CA	<b>Michael Homza</b> River Enhancements and Levee Repairs in an Urban Setting	<b>Amanda Flynn</b> Application of an Enhanced, Fine-Scale SWAT Model to Target Land Management Practices for Maximizing Pollutant Reduction and Conservation Benefits	<b>Angela Larsen</b> Northeast Illinois Ravine Restoration, Monitoring & Policy Program	<b>Matthew Lybolt</b> Defining a Path to Achievable and Historically Relevant Goals for Restoration of Coral Reef Ecosystems
11:20am-11:40am	<b>Scudder Mackey</b> Climate Adaptation and Great Lakes Restoration: Implementing GLRI, GLWQA, and the IUGLS	<b>Martin Boote</b> Cost-Effective Monitoring of Fish Passage and Biological Responses to Dam Removal	<b>Heather Schwar</b> Daylighting of Schoonmasher Creek as Part of the Western Milwaukee Flood Management Project	<b>Leah Harris</b> Evaluating Incentives for Crop Farmers to Provide Aquatic Ecosystem Benefits	<b>Wendy Katagi</b> Partnerships Bolstering Implementation of National Marine Fisheries Service Southern Steelhead Recovery Plan in Southern California	<b>Jon Risinger</b> Bioengineered Oyster Reefs for Sustainable Shoreline Protection & Ecosystem Restoration in the Gulf of Mexico
11:40am-12:00pm	<b>Denise Reed</b> Restoring Coastal Louisiana in the Face of an Uncertain Future	<b>Althea Hotaling</b> Creating a Habitat Sustainability Index to Plan for Future Seagrass Restoration	<b>Thomas Sear</b> Sheboygan River Area of Concern Habitat Restoration Projects	<b>Carrie Vollmer-Sanders</b> Groups Don't Act, Individuals Do: Building a Certification Program	<b>Joe Shisler</b> Outside the Box in Habitat Restoration for Hazardous Site Remediation	<b>Russell Burke</b> Craney Island Eastern Expansion (CIEE) Oyster Mitigation Oyster Shellstring Survey
12noon - 1:30pm	<b>Lunch on Own</b>					

**Tuesday, July 30, 2013**

	Schaumburg A&B	Schaumburg C&D	Innovation	Imagination	Connection	Knowledge
	Session 7	Session 8	Session 9	Session 10	Session 11	Session 12
1:30pm - 3:00pm	<b>Climate Change &amp; Sea Level Rise</b>	<b>Restoration in Coastal Louisiana</b>	<b>Implementing Great Lakes Coastal Wetland Monitoring</b>	<b>Stream and Watershed Restoration</b>	<b>Common Approaches among Successful Regional Ecosystem Management Initiatives</b>	<b>Accomplishments in Regional &amp; Large-Scale Restoration</b>
<b>Moderator</b>	<b>Cassandra Thomas</b>	<b>Scott Slocum</b>	<b>Donald Uzarski</b>	<b>Lynette Cardoch</b>	<b>Mark Gorman</b>	<b>Erin Hague</b>
1:30pm - 1:40pm	<b>Session Overview</b>	<b>Session Overview</b>	<b>Session Overview</b>	<b>Session Overview</b>	<b>Session Overview</b>	<b>Session Overview</b>
1:40pm - 2:00pm	<b>Cassandra Thomas</b> Defining Coastal Marsh Restoration Success under Accelerated Sea-Level Rise Conditions	<b>Michael Schwar</b> Quantifying Potential Floodplain Restoration Benefits in the Upper Mississippi River Basin	<b>Donald Uzarski</b> A Basin-Wide Great Lakes Coastal Wetland Monitoring Program	<b>Jill Stachura</b> Stormwater BMP and Stream Restoration in a City Park	<b>Ken Lubinski</b> Old and New Challenges To Restore The Upper Mississippi River System	<b>John Balletto</b> PSEG's Estuary Enhancement Program - 20 Years Later
2:00pm - 2:20pm	<b>Laura Moran</b> Climate Change and Sea Level Rise Impacts at Ports and a Consistent Methodology to Evaluate Vulnerability and Risk	<b>Herry Utomo</b> Planting Time and Aerial Application of Smooth Cordgrass Seed For Rapid Revegetation of Newly Constructed Coastal Marshes	<b>Matthew Cooper</b> Great Lakes Coastal Wetland Monitoring Program: Support of Restoration Activities Across the Basin	<b>Eileen Straughan</b> The Urban Stream Restoration of Sullivan Branch	<b>Patrick Nunnally</b> City and Region: Ecosystem Restoration on Urban Rivers	<b>Ida Wenefrida</b> Pelleting and Chemical Amending Seed Treatments for Improved Versatility and Success Rates of Aerial Seeding in Coastal Restoration and Erosion
2:20pm - 2:40pm	<b>Rob Daoust</b> Sea Level Rise Adaptation in San Francisco Bay	<b>Syed Khalil</b> A Regional Geological Approach to a Sustainable Ecosystem Restoration of the Mississippi River Delta Plain	<b>Valerie Brady</b> Ecological Restoration Efforts in the St. Louis River Estuary: Application of Great Lakes Monitoring Data	<b>Thomas Slowinski</b> Remeandering/ Restoring Three Miles of Spring Creek within 650 Acres of Hadley Valley Preserve	<b>Patrick McGinnis</b> A Case for an Adaptive Management Approach to Ecosystem Management for the Mississippi River: Moving From Compliance Driven Outputs	<b>Thomas Teets</b> An Everglades Restoration Success Story: The C-111 West Spreader Canal Project, from Concept to a Working Restoration Project
2:40pm - 3:00pm	<b>Roselle Henn</b> Ecosystem Restoration and Regional Resilience: A Post-Sandy Perspective	<b>Bill Hanson</b> Use of a Long-Distance Sediment Pipeline for Restoration of Scofield Island, LA	<b>Dennis Albert</b> Great Lakes Coastal Monitoring Provides Baseline Plant Data for Sustainable Wetland Restoration Project	<b>Matthew Grabau</b> Salinity Management for Floodplain Riparian Restoration	<b>Discussion Period</b>	<b>Delia Ivanoff</b> Long-term Success of a Large Constructed Treatment Wetland in the Everglades Agricultural Area Basin and its Benefits to the Downstream Natural Marsh
3:00pm - 3:30pm	<b>PM Networking Break in the Exhibit Hall and Poster Display Area [Exploration Hall A]</b>					
3:30pm - 5:00pm	<p align="center"><b><u>PLENARY SESSION: Restoration Coffee House One</u></b> [Schaumburg West]</p> <p align="center"><b>Harmful Algal Blooms: Prevention, Prediction, Management, and Control</b></p> <p align="center">Harmful algal blooms are impacting human and ecological health across the globe in both freshwater and marine systems. In some cases, they can be prevented or controlled, but in others they can only be predicted and managed. The panel will discuss various approaches for dealing with this increasingly intractable problem.</p> <p align="center"><b><u>Session Organizer &amp; Moderator:</u></b></p> <p align="center"><b>Don Scavia</b>, Graham Sustainability Institute, University of Michigan</p> <p align="center"><b><u>Session Panelists:</u></b></p> <p align="center"><b>Don Anderson</b>, Senior Scientist, Woods Hole Oceanographic Institution  <b>Dan Ayres</b>, Coastal Shellfish Lead Biologist, Washington Department of Fish and Wildlife  <b>Alina Corcoran</b>, Research Scientist, Florida Fish &amp; Wildlife Conservation Commission  <b>Gail Hesse</b>, Executive Director, Ohio Lake Erie Commission  <b>Kevin G. Sellner</b>, Executive Director, Chesapeake Research Consortium</p>					
5:00pm - 7:00pm	<b>Poster Session ONE &amp; Networking Reception in the Exhibit Hall and Poster Display Area [Exploration Hall A]</b>					

**Wednesday, July 31, 2013**

7:30am-5:30pm	<b>Conference Registration Open</b> <i>[Schaumburg Foyer North]</i>
7:30am - 9:00am	<b>Early Morning Refreshments in the Exhibit Hall and Poster Display Area</b> <i>[Exploration Hall A]</i>
9:00am-10:00am	<p><b>PLENARY SESSION</b> <i>[Schaumburg West]</i></p> <p><b>Drought, Flooding and Coastal Storms: Creating Landscapes and Communities Resilient to Weather Extremes</b></p> <p><b>Jason Weller</b>, Acting Chief, USDA, NRCS  <b>Robert Bendick</b>, Director, U.S. Government Relations, The Nature Conservancy</p> <p><b>SESSION MODERATOR: Andy Buchsbaum</b>, Regional Executive Director for the National Wildlife Federation's Great Lakes Office</p>
10:00am-10:30am	<b>AM Networking Break in the Exhibit Hall and Poster Display Area</b> <i>[Exploration Hall A]</i>

## Wednesday, July 31, 2013

	Schaumburg A&B	Schaumburg C&D	Innovation	Imagination	Connection	Knowledge
	Session 13	Session 14	Session 15	Session 16	Session 17	Session 18
10:30am-12:00pm	<b>Science, Governance and Action: One Year into the Amended Great Lakes Water Quality Agreement</b>	<b>Louisiana Coastal Restoration: Federal, State, NGO and Private Sector Perspectives and Roles</b>	<b>Thinking Like a Watershed: Using the Watershed Approach to Improve Wetland and Stream Restoration Project Outcomes</b>	<b>Planning of Ecosystem Restoration Programs</b>	<b>The Renaissance of Ecosystem Integrity in North American Large Rivers</b>	<b>Ecosystem Goods and Services</b>
Moderator	<b>T. Kevin O'Donnell and Brad Bass</b>	<b>Mark Wingate</b>	<b>Mark P. Smith</b>	<b>Mark Jaworski</b>	<b>Robin DeBruyne</b>	<b>Raed El-Farhan</b>
10:30am-10:40am	<b>Session Overview</b>	<b>Session Overview</b>	<b>Session Overview</b>	<b>Session Overview</b>	<b>Session Overview</b>	<b>Session Overview</b>
10:40am-11:00am	<b>Elizabeth Hinchey Malloy</b> Working under the Updated Agreement: The Great Lakes Restoration Initiative	<b>Bren Haase</b> Louisiana Coastal Restoration: The State Perspective and Role	<b>Mark P Smith</b> Thinking Like a Watershed: Using a Watershed Approach to Improve Wetland and Stream Restoration Outcomes	<b>Michael Hooper</b> Restoration and Conservation Planning Based On Carbon Sequestration and Greenhouse Gas Flux under Current and Projected Future Scenarios	<b>Elizabeth Holmes-Gaar</b> Common Themes for Restoring the Columbia Basin Ecosystem through Salmon and Steelhead Recovery	<b>Joe Berg</b> Simulating Natural Resource Functions in Green Infrastructure
11:00am-11:20am	<b>Michael Moorman</b> GREAT LAKES RESTORATION INITIATIVE – Progress to Date	<b>Steven Peyronnin</b> An NGO Perspective of the Evolving Role of NGOs in Louisiana Coastal Restoration	<b>Nicholas Miller</b> Matching Multiple Stakeholder Goals to Restoration Opportunities in a Great Lakes Coastal Watershed	<b>Jill Chomycia</b> The San Joaquin River Restoration Program: Achieving Large-Scale River Restoration while Minimizing Water Supply Impacts to Agricultural Users	<b>Bryan Piazza</b> The Atchafalaya River Basin: Conservation and Restoration in America's Largest Swamp	<b>David Coffman and Rebecca Griffith</b> Exploring the Possible Role of Watershed-Scale Sediment Management in Expanding Water Supply and Enhancing Ecological Function: Sulphur River Basin, TX
11:20am-11:40am	<b>Gail Hesse</b> The Ohio Lake Erie Phosphorus Task Force II	<b>David Richard</b> Louisiana Coastal Restoration: Private Sector Perspective	<b>Joy Zedler</b> Larger-scale and Longer-term Planning to Restore Wetland Ecosystem Services, including Biodiversity Support and Resilience	<b>John Shuey</b> Large-Scale, High-Diversity Restoration as a Threat-Reduction Strategy in a High-Priority, Fragmented Conservation Landscape	<b>Justin Kozak</b> A Structured Decision-Making Process for Restoring the Atchafalaya River Basin, Louisiana: Developing a Process to Bridge the Boundaries between Scientists, Managers and Stakeholders	<b>Carol Mansfield</b> Valuing Changes in Aquatic Ecosystem Services from Reductions in Nutrient Loadings: A Methodology for Linking Environmental Benefits and Economic Valuation
11:40am-12:00pm	<b>Brad Bass</b> Working under the Updated Agreement: The Great Lakes Nutrient Initiative	<b>Mark Wingate</b> USACE Perspective and Evolving Role in Louisiana Coastal Restoration	<b>Nelwyn McInnis</b> Large Scale Ecosystem Restoration using Wetland Mitigation Banking in MS and LA	<b>Jeff Trulick</b> S.M.A.R.T. Planning in USACE Restoration Planning	<b>David Bennion</b> Restoration of Spawning Habitat for Native Fish in the Central Great Lakes	<b>Cheryl Essex</b> Recreation Proposal for the Sacramento-San Joaquin Delta and Suisun Marsh
12noon - 1:30pm	<b>Lunch on Own</b>					

## Wednesday, July 31, 2013

	Schaumburg A&B	Schaumburg C&D	Innovation	Imagination	Connection	Knowledge
	Session 19	Session 20	Session 21	Session 22	Session 23	Session 24
1:30pm-3:00pm	<b>Great Lakes Areas of Concern</b>	<b>River Restoration</b>	<b>Louisiana Coastal Restoration - Integrating multiple programs through Louisiana's Comprehensive Master Plan for a Sustainable Coast</b>	<b>Hydrodynamic &amp; Water Quality Modeling</b>	<b>Case Study: Using Monitoring Results to Design and Adaptively Manage Large Habitat Restoration Projects in the Middle Rio Grande Floodplain, New Mexico</b>	<b>Real-time Evaluation and Reporting of Ecosystem Restoration Part 1</b>
<b>Moderator</b>	<b>T. Kevin O'Donnell</b>	<b>Russ Sanford</b>	<b>Alisha Renfro</b>	<b>Al Cofrancesco</b>	<b>Todd Caplan</b>	<b>Paul Conrads</b>
1:30pm-1:40pm	<b>Session Overview</b>	<b>Session Overview</b>	<b>Session Overview</b>	<b>Session Overview</b>	<b>Session Overview</b>	<b>Session Overview</b>
1:40pm-2:00pm	<b>David Cowgill</b> Sediment Remediation and Habitat Restoration in Areas of Concern	<b>Andy Selle</b> Brown Bridge Dam Removal and River Restoration, Traverse City, Michigan	<b>Natalie Peyronnin</b> Louisiana's 2012 Coastal Master Plan: Moving from Planning to Implementation	<b>Andrew Stoddard</b> Hydrodynamic and Water Quality Model Framework to Support Resource Management Planning for the Sacramento San Joaquin Delta	<b>Todd Caplan</b> Site Attributes and Planting Techniques for Growing Dense Willow Habitat from Cuttings along the Middle Rio Grande, New Mexico	<b>Sarai Piazza</b> Report Cards and Multi-scale Assessments using Louisiana's Coastwide Reference Monitoring System
2:00pm-2:20pm	<b>Caitie McCoy</b> Three Tips for Successful Community Engagement: Insights from the Great Lakes	<b>Martin Melchior</b> Riverine Habitat Restoration for the Sheboygan River Area of Concern	<b>Carol Parsons Richards</b> LCA Mississippi River Hydrodynamic and Delta Management Feasibility Study	<b>Jill Kostel</b> Increasing Conservation Practice Enrollments through Modeling and Targeted Outreach in an Agricultural Watershed	<b>Steven Albert</b> Applying Biotic Functional Assessment Techniques to Guide Adaptive Management of Habitat Restoration along the Middle Rio Grande, NM	<b>Mary Khoury</b> The Great Lake Information Management and Delivery System: Fostering Shared Goals and Collaborative Solutions
2:20pm-2:40pm	<b>Stacy Hron</b> Accelerating Management Actions in the Sheboygan River Area of Concern (AOC)	<b>Stuart Trabant</b> Multidisciplinary Stream Restoration of North Clear Creek	<b>Jerry Carroll</b> Utilizing Mississippi River Sediments to Restore Coastal Wetlands	<b>Gaurav Savant</b> 3-Dimensional Hydrodynamic Numerical Modeling of Galveston Bay Using the 3-Dimensional Adaptive Hydraulics (3D-ADH) Code	<b>Chad McKenna</b> Adaptive Management Strategies for Controlling Exotic Plant Species	<b>Daniel Sullivan</b> Tributary and Nearshore Monitoring for Real-Time Evaluation of Great Lakes Restoration
2:40pm-3:00pm	<b>Bruce Manny</b> The Use of Science for Fisheries Restoration in the Huron-Erie Corridor	<b>James Webster</b> Floodplain Restoration Using a Rivervision Approach in Meacham Creek, Oregon USA	<b>Derek Brockbank</b> Restore the Mississippi River Delta	<b>Al Cofrancesco</b> Partnerships and Collaboration: A Strategy for Success	<b>Trevor Fetz</b> Avian Response to Restoration Efforts in the Middle Rio Grande Bosque: Wetland Creation and Potential Impacts of Restoration Activity on the Avian Community	<b>Heather Henkel</b> Real-Time Evaluation of the Water-Control Plan and its Impacts on Tree Islands in the Florida Everglades
3:00pm-3:30pm	<b>PM Networking Break in the Exhibit Hall and Poster Display Area [Exploration Hall A]</b>					

## Wednesday, July 31, 2013

	Schaumburg A&B	Schaumburg C&D	Innovation	Imagination	Connection	Knowledge
	Session 25	Session 26	Session 27	Session 28	Session 29	Session 30
3:30pm-5:00pm	<b>Invasive Species</b>	<b>Restoring the Connection: Great Lakes Ecosystem Restoration through Dam Removal and Modification</b>	<b>Innovative Floodplain Restoration and Adaptive Management on Large Rivers</b>	<b>Leveraging Our Bucks-n-Acres: Maximizing the Outcomes from Marine Habitat Restoration</b>	<b>Ecosystem Modeling</b>	<b>Real-time Evaluation and Reporting of Ecosystem Restoration Part 2</b>
<b>Moderator</b>	<b>Cynthia Henderson</b>	<b>Michael Donahue</b>	<b>Brad Thompson</b>	<b>Kameran Onley</b>	<b>Chris Wallen</b>	<b>Heather Henkel</b>
3:30pm-3:40pm	<b>Session Overview</b>	<b>Session Overview</b>	<b>Session Overview</b>	<b>Session Overview</b>	<b>Session Overview</b>	<b>Session Overview</b>
3:40pm-4:00pm	<b>Richard Lance</b> Asian Carp eDNA: Evolution and Calibration	<b>Michael Donahue</b> Ecosystem Restoration via Dams Disposition on the Boardman River System	<b>Chad Smith</b> Implementation of the Platte River Elm Creek Complex Flow-Sediment-Mechanical Adaptive Management Experiment	<b>Dwayne Minton</b> Reef Flat Recovery following Large-scale Removal of Invasive Algae	<b>Jeffrey Edstrom</b> Using a Wiki to Develop a Coastal Watershed Plan	<b>Laura Brandt</b> Integrating Ecological Models with Real-time Hydrologic Data in the Florida Everglades
4:00pm-4:20pm	<b>Cynthia Henderson</b> Hurricane Impacts on a Coastal Ecosystem Restoration Project: Plant Community, Invasive Species and Adaptive Management	<b>Jesse Waldrip</b> Ecosystem Restoration via Passage of Lake Sturgeon at Five Hydroelectric Dams on the Menominee River	<b>Merri Martz</b> Restoration Of Gravel Mined Floodplains, Willamette River, OR	<b>Jeff McCreary</b> Napa Sonoma Marshes Restoration Project – Coastal Ecosystem Restoration through Collaborative Partnerships	<b>John Monahan</b> River, Floodplain and Other - Habitat Optimization Models for Ecosystems (HOME)	<b>Sarai Piazza</b> The Development and Implementation of Dynamic Reporting through the Coastwide Reference Monitoring System Website
4:20pm-4:40pm	<b>Lindsay Teunis</b> Santa Ana River Arundo Removal Project: One Piece of a Much Larger Invasive Species Puzzle	<b>Scott Dierks</b> Restoring Fish Passage Between Lake Erie and the River Raisin	<b>Kate Buenau</b> Lessons From the Development and Use of Numerical Models in Restoration Planning on the Missouri and Columbia Rivers	<b>Mike Burton</b> Successes and Challenges in Restoring Oligohaline Marsh And Coastal Uplands in the Tampa Bay Region	<b>Shaye Sable</b> A Lower Trophic Level Food Web Model to Support Understanding and Evaluation of Ecological Responses within the Low Salinity Zone of the San Francisco Estuary	<b>Paul Conrads</b> An Approach for Real-time Evaluation of Savannah Harbor Deepening Mitigation Effectiveness for the Protection of Freshwater Tidal Marshes
4:40pm-5:00pm	<b>Donald Hagan</b> Rapid Recovery of the Mycorrhizal Fungal Community Following Cogongrass ( <i>Imperata Cylindrica</i> ) Eradication	<b>Troy Naperala</b> Restoring Aquatic Habitat in the Little Rapids Area of the St. Marys River	<b>Brad Thompson</b> Envisioning a New River Future with Levee Setbacks for Greater Societal and Wildlife Benefits	<b>James Byrne</b> Taking Restoration to Scale: <i>Acropora</i> Restoration, Florida and the USVI	<b>Mark McKelvy</b> Visualizing Upper Trophic and Ecosystem Modeling Outputs with EverVIEW to Inform the Decision Process in Coastal Louisiana	<b>Dan Sullivan</b> Real-time Modeling and Reporting of Beach Water Quality on the Great Lakes
5:00pm	<b>Evening on Own</b>					

## Thursday, August 1, 2013

7:30am-5:30pm	Conference Registration Open <i>[Schaumburg Foyer North]</i>					
7:30am - 9:00am	Early Morning Refreshments in the Exhibit Hall and Poster Display Area <i>[Exploration Hall A]</i>					
9:00am - 10:00am	<b>PLENARY SESSION <i>[Schaumburg West]</i></b> <b>Binational Action to Restore the Great Lakes</b>  <b>Cameron Davis</b> , Senior Advisor to the Administrator (Great Lakes), U.S. Environmental Protection Agency, Great Lakes National Program Office <b>John Lawrence</b> , Senior Science Advisor to the Regional Director-General for Ontario, Environment Canada  <b>SESSION MODERATOR: Robert Daoust</b> , ARCADIS U.S., Inc., Manager, Ecosystem Restoration					
10:00am-10:30am	AM Networking Break in the Exhibit Hall and Poster Display Area <i>[Exploration Hall A]</i>					
	Schaumburg A&B	Schaumburg C&D	Innovation	Imagination	Connection	Knowledge
	Session 31	Session 32	Session 33	Session 34	Session 35	Session 36
10:30am - 12:00pm	<b>Friend or Foe? Do Regional Large-Scale Ecosystem Restoration Programs Help or Hurt One Another at a National Level?</b>	<b>Adaptive Management</b>	<b>Engineering with Nature to improve Resiliency and Function of Restoration Projects</b>	<b>Cutting Red Tape: A Central Everglades Experiment To Expedite Ecosystem Restoration Planning</b>	<b>Integrated Assessment and Environmental Report Cards as Tools for Ecosystem Restoration - Part 1</b>	<b>The Columbia River Estuary Ecosystem Restoration Program: Strategic Prioritization and Implementation</b>
Moderator	Bill Hinsley	Karen Appell	David Moore	Dawn Shirreffs	Heath Kelsey	Blaine Ebberts
10:30am-10:40am	Session Overview	Session Overview	Session Overview	Session Overview	Session Overview	Session Overview
10:40am-11:00am	<b>John Hankinson</b> , Former Executive Director, Gulf Coast Ecosystem Restoration Task Force <b>Kameran Onley</b> , Former Acting Assistant Secretary for Water and Science, Dept. of Interior	<b>Ian Jewell</b> Climate Change Adaptation and Adaptive Environmental Management Integration	<b>William Holman</b> Applying Engineering Solutions to the Science of Protection and Enhancement of Aquatic Environments	<b>Eric Bush</b> The Central Everglades Planning Project: Planning the Next Generation of Everglades Restoration Projects	<b>Scott Sowa</b> Wildlife Component of the Conservation Effects Assessment Project (CEAP) – Great Lakes and Western Lakes Erie Basin Efforts	<b>Gary Johnson</b> Columbia Estuary Ecosystem Restoration Program: Adaptive Management Strategy Report and Action Plan for Program Execution
11:00am-11:20am	<b>Steve Thompson</b> , Former Manager of the California-Nevada Operations Office, USFWS <b>Rob Vining</b> , Former Chief, Programs Management Division, USACE This panel will compare and contrast experiences of the Sacramento-San Joaquin River Delta, Louisiana Coastal Area, and Florida Everglades ecosystem restoration programs, and will explore the crafting and sustaining of a federal policy and funding frameworks to sustain each. Panelists will discuss what it will take to advance a national resource management and ecosystem restoration agenda - including policy and funding requirements for creating a collaborative, instead of competitive, framework at a national level.	<b>Matthew Harwell</b> Lessons Learned from the Everglades Collaborative Adaptive Management Program	<b>David Heinze</b> Streambank Stabilization in the Midwest – Lessons Learned	<b>Matthew Morrison</b> Central Everglades Planning Project Central Everglades Planning Project	<b>Mark Monaco</b> Utilization of a Biogeographic Assessment Framework to Characterize and Quantify Ecosystem Condition	<b>Charles ("Si") Simenstad</b> Landscape Planning Framework for Restoration and Protection of Juvenile Salmon Habitat using the Columbia River Estuary Ecosystem Classification
11:20am-11:40am	Coastal Area, and Florida Everglades ecosystem restoration programs, and will explore the crafting and sustaining of a federal policy and funding frameworks to sustain each. Panelists will discuss what it will take to advance a national resource management and ecosystem restoration agenda - including policy and funding requirements for creating a collaborative, instead of competitive, framework at a national level.	<b>Fred Sklar</b> Everglades Restoration 2000-2012: Lessons Learned	<b>David McGehee</b> Using Organic Engineering Principles to Address Ecosystem Values in the Bottom Line	<b>Stephen Davis</b> Integrating Sound Science and Adaptive Management into a Truncated Timeline for Central Everglades Restoration	<b>Wes Tunnell</b> A Report Card to Assess Ecosystem Health in the Gulf of Mexico	<b>Julie Doumbia</b> Columbia Estuary Ecosystem Restoration Program: Integrated Approach for Habitat Action Effectiveness Monitoring and Research
11:40am-12:00pm	Coastal Area, and Florida Everglades ecosystem restoration programs, and will explore the crafting and sustaining of a federal policy and funding frameworks to sustain each. Panelists will discuss what it will take to advance a national resource management and ecosystem restoration agenda - including policy and funding requirements for creating a collaborative, instead of competitive, framework at a national level.	<b>Tom St. Clair</b> The Role of Independent Science Review in the Adaptive Management Process for Large-Scale Restoration Programs	<b>Dan Veriotti</b> Regional Sediment Budget and Shoreline Restoration Alternatives	<b>Discussion</b>	<b>Harald "Jordy" Jordahl</b> Developing America's Watershed Initiative Basin Report Card	<b>Ron Thom</b> Ecosystem Restoration in the Lower Columbia River and Estuary: The Role of the Expert Regional Technical Group
12noon - 1:30pm	Lunch on Own					



**Thursday, August 1, 2013**

	Schaumburg A&B	Schaumburg C&D	Innovation	Imagination	Connection	Knowledge
	Session 37	Session 38	Session 39	Session 40	Session 41	Session 42
1:30pm-3:00pm	<b>Strategies to Locate and Prioritize Ecosystem Restoration Actions: Why Here and Why Now?</b>	<b>Independent Science on a Large Scale - A Panel Discussion</b>	<b>Wetland/Marsh Restoration</b>	<b>Great Waters Flow Through Them: Protecting &amp; Enhancing America's National Parks through Restoration</b>	<b>Integrated Assessment and Environmental Report Cards as Tools for Ecosystem Restoration - Part 2</b>	<b>Lessons Learned in Urban Ecosystem Restoration: Adjusting Expectations and Determining Success</b>
<b>Moderator</b>	<b>Russell Strach</b>	<b>Chad Smith</b>	<b>Jill Kostel</b>	<b>Sarah Barmeyer</b>	<b>Dave Nemazie</b>	<b>Brook Herman</b>
1:30pm-1:40pm	<b>Session Overview</b>	<b>Session Overview</b>	<b>Session Overview</b>	<b>Session Overview</b>	<b>Session Overview</b>	<b>Session Overview</b>
1:40pm-2:00pm	<b>Matthew Andersen</b> A National Perspective on the US Geological Survey's Restoration Strategies, Priorities, Accomplishments, and Challenges	<b>David Marmorek</b> <b>Philip Dixon</b> <b>David Galat</b> <b>Robb Jacobson</b> <b>Kent Loftin</b> <b>John Nestler</b>	<b>Michael Mak</b> ABC's of Freshwater Wetland Design: Concept to Construction	<b>Sarah Barmeyer</b> Great Waters and National Parks – A National Overview	<b>Ann Hijuelos</b> Who's Keeping Score? Developing a Report Card for Coastal Louisiana	<b>Joe Roth</b> Restoration Lessons from Bartel Grassland and Tinley Creek Wetlands
2:00pm-2:20pm	<b>Heather Braun</b> Linking Ecological Restoration and Economic Recovery at a Great Lakes Area of Concern: Muskegon Lake, Michigan	Panel discussion of members of the Platte River Recovery Implementation Program's Independent Scientific Advisory Committee (ISAC) on the role of independent science in large-scale recovery programs and the relationships between adaptive management, independent science, and decision-making.	<b>Jason Doll</b> Using a Living Shoreline Approach to Prevent Erosion and Restore Marsh Habitat on Ocracoke Island	<b>Aida Arik</b> Restoring the Heart of the Everglades	<b>Laura Brandt</b> Using Ecological Indicators to Evaluate Progress toward Restoration: An Example from the Everglades	<b>Frank Veraldi</b> Change is Hard: Restoring Structure and Function in Urban Landscapes
2:20pm-2:40pm	<b>Howard Brown</b> The Need for Fish Passage above Rim Dams in California's Central Valley		<b>Lorie Staver</b> Sustainability in the Created Marshes at Poplar Island Restoration Project in Mid-Chesapeake Bay	<b>Jeffrey Duda</b> Evaluating Ecosystem Restoration During and Following Dam Removal on the Elwha River	<b>Brandy Siedlaczek</b> Riverine Wetland Habitat Restoration using a full Management Tool Box	<b>Joel Tillery</b> Advancing Urban Watershed Renewal through the Benefits of Multi-Purpose Stream and Riverine Restoration Projects
2:40pm-3:00pm	<b>Karen Rodriguez</b> Prioritizing Habitat Projects in Areas of Concern (AOC) throughout the Great Lakes		<b>Dilip Trivedi</b> After a Decade of Planning, Bair Island Restoration at Full Steam	<b>Lilo Stainton</b> Open Space in the Urban Jungle Post-Sandy: National Parks, Ecosystem Restoration and Storm Resiliency in the NY-NJ Harbor Region	<b>Merrie Carlock</b> Local Benefit from the Rouge River National Wet Weather Demonstration Project Ecosystem Assessments	<b>Kyle Spicer</b> Developing Creative Partnerships in the Maumee AOC to Restore Habitat in an Urban Watershed
3:00pm-3:30pm	<b>PM Networking Break in the Exhibit Hall and Poster Display Area [Exploration Hall A]</b>					

**Thursday, August 1, 2013**

3:30pm

**PLENARY SESSION** [*Schaumburg West*]

**Rick Snyder**, Governor, State of Michigan

**SESSION MODERATOR: Don Scavia**, Graham Family Professor of Environmental Sustainability, University of Michigan

4:15pm -  
5:30pm

**Restoration Coffee House Two** [*Schaumburg West*]

**Invasive Species: Asian Carp Case Study**

Invasive species cost \$120 billion annually and cause enormous impacts to native species and ecosystems. The introduction of a relatively small number of non-native organisms can quickly over-run native species as the newcomers reproduce and feed with little or no competition. Once they become established, non-native species are usually impossible to eradicate and often difficult to control, creating permanent changes to ecosystems. Prevention is the primary method to protect native ecosystems from invasive organisms. The panel will describe the history, extent and possible impact on the Great Lakes of the Asian carps; the measures currently being employed to address them; and potential future actions, including re-establishing a subcontinental divide between the Mississippi River system and the Great Lakes.

**Session Organizer & Moderator:**

**Andy Buchsbaum**, Healing Our Waters Coalition and Great Lakes Office of National Wildlife Federation

**Session Panelists:**

**Marc Gaden**, Communications Director & Legislative Liaison, Great Lakes Fishery Commission

**John Goss**, Asian Carp Director at the White House Council on Environmental Quality and Chair, Asian Carp Regional Coordinating Committee

**Tim Eder**, Executive Director, Great Lakes Commission

5:30pm-  
7:30pm

**Poster Session TWO & Networking Reception in the Exhibit Hall and Poster Display Area** [*Exploration Hall A*]

## Friday, August 2, 2013

7:30am-12:00pm	<b>Conference Registration Open [Schaumburg Foyer North]</b>					
7:30am - 9:00am	<b>Early Morning Refreshments in the Exhibit Hall and Poster Display Area [Exploration Hall A]</b>					
	<b>Schaumburg A&amp;B</b>	<b>Schaumburg C&amp;D</b>	<b>Innovation</b>	<b>Imagination</b>	<b>Connection</b>	<b>Knowledge</b>
	<b>Session 43</b>	<b>Session 44</b>	<b>Session 45</b>	<b>Session 46</b>	<b>Session 47</b>	<b>Session 48</b>
9:00am - 10:30am	<b>Governance Challenges to Addressing Algal Blooms in the Great Lakes</b>	<b>Novel Ecosystems Concept – It's Time To Get Real!</b>	<b>Everglades Restoration</b>	<b>Large-scale Ecosystem Restoration in the Great Lakes Basin: A Whole System Approach</b>	<b>Quality Assurance in Habitat Restoration and Invasive Species Programs</b>	<b>Restoration as Behavior Change: Using Communications Campaigns to Reach Restoration Goals</b>
<b>Moderator</b>	<b>Lyman Welch</b>	<b>Cheryl Ulrich</b>	<b>Robert Daoust</b>	<b>Rebecca Smith</b>	<b>Craig Palmer and Louis Blume</b>	<b>Jennifer Browning</b>
9:00am - 9:10am	<b>Session Overview</b>	<b>Session Overview</b>	<b>Session Overview</b>	<b>Session Overview</b>	<b>Session Overview</b>	<b>Session Overview</b>
9:10am - 9:30am	<p><b>Michael Murray</b> <b>Joseph Logan</b> <b>T. Kevin O'Donnell</b> <b>Lyman Welch</b></p> <p>This panel will discuss governance challenges to reducing phosphorus sources into the Great Lakes, including recent updates to the binational Great Lakes Water Quality Agreement. Presentations will include a review of past efforts to reduce phosphorus input and new challenges presented by ecosystem changes.</p>	<p><b>Joe Berg</b> <b>Bethany Cutts</b> <b>Matt Harwell</b> <b>Richard Hobbs</b></p> <p>This interactive panel discussion will define the concept of "novel ecosystems", discuss application of the concept in several case studies and provide an overview of the work USDA NRCS has accomplished on Ecological Site Descriptions (ESD) as a decision support tool for better land restoration and management decisions.</p>	<p><b>Barry Rosen</b> An Adaptive Management Example from the Everglades: The Decompartmentalization Physical Model</p>	<p><b>James Cole and Nicole Van Helden</b> Restoring Great Lakes Coastal Systems for Nature and People: Toward New Approaches in Green Bay and Western Lake Erie</p>	<p><b>Louis Blume</b> Quality Assurance Guidance for Environmental Data Collection Associated with Habitat Restoration and Invasive Species Projects</p>	<p><b>Rebeca Bell</b> Words Matter: Tips for Using Communications to Improve Restoration Efforts</p>
9:30am - 9:50am			<p><b>Subodh Acharya</b> Pattern and Flow in the Everglades: Defining Landscape-scale Hydraulic Geometry</p>	<p><b>Darran Crabtree</b> Research in Support of Restoration of Cisco in Lake Ontario</p>	<p><b>Louis Blume</b> Development of a Graded Approach to Project-Level Quality Documentation for Habitat Restoration Projects</p>	<p><b>Lisa Cotner</b> Millennium Reserve: Organizing Multiple and Diverse Stakeholders</p>
9:50am - 10:10am			<p><b>Stuart Appelbaum</b> Ingredients for Success: Building a Robust Adaptive Management Program</p>	<p><b>Thomas Neeson</b> Prioritizing In-stream Barrier Removal in Great Lakes Tributaries</p>	<p><b>Martin Stapanian</b> A Prototype Splitter Apparatus for Dividing Large Catches of Small Fish</p>	<p><b>Linda Masters</b> Restoring a Ravine Ecosystem: Outreach to Homeowners</p>
10:10am - 10:30am			<p><b>Andres Rodriguez</b> Man-Made Tree Islands for Restoration Purposes in the Everglades</p>	<p><b>Jon Fosgitt</b> Adapting Great Lakes Forest Management and Restoration Strategies in Light of Climate Change</p>	<p><b>Discussion</b></p>	<p><b>Arthur Pearson</b> A Funder's Perspective on the Value of Communications</p>
10:30am-10:45am	<b>AM Break in the Exhibit Hall and Poster Display Area [Schaumburg Foyer]</b>					

**Friday, August 2, 2013**

**CLOSING PLENARY SESSION** *[Schaumburg West]*

**David Doig**, President, Chicago Neighborhood Initiatives — **"The Closing of Meigs Field"**

**David Donnenfield** and **Kevin White**, Full Frame Productions — **"The Legacy and Promise of Restoration: A Storyteller's Perspective"**

**CLOSING REMARKS**

**SESSION MODERATOR: Cameron Davis**, Senior Advisor to the Administrator (Great Lakes), US EPA Great Lakes National Program Office

10:45am-  
12:00pm

12:00pm-  
2:00pm

**Poster Presenters to Remove Displays  
Exhibitor Move-Out and Registration Strike**

12:00pm

**Conference Concludes**

Updated: July 24, 2013