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2nd National Conference on Ecosystem Restoration

THE SPIRIT OF COOPERATION

Integrating Partnerships Between Science and Management for Sustainable Ecosystem Restoration



April 23-27, 2007 • Kansas City, MO



US Army Corps
of Engineers®





WELCOME TO THE 2007 NATIONAL CONFERENCE ON

Ecosystem Restoration

(NCER)

| MON 4/23/07 | | MONDAY – APRIL 23, 2007 |
|--------------|---|--------------------------|
| 7:30 - 12:30 | Exhibitors and Vendors Set-Up Displays (Conference Exhibition Hall) | |
| 7:30 - 12:30 | SESSION I POSTER PRESENTERS SET-UP DISPLAYS (Conference Exhibition Hall) | |
| 7:30 - 5:30 | Registration Opens for Conference Attendees (Conference Exhibition Hall Foyer) | |
| 9:00 - 12:00 | CAMNet ADAPTIVE MANAGEMENT WORKSHOP (New York B) Instructors - Ken Loftin , Synlnt, Inc., Steve Light , Adaptive Strategies, Inc., and Tom St. Clair , PBS&J Facilitator - Barbara Stinson , Meridian Institute, Dillon, CO | |
| 1:00 - 5:30 | Opening Plenary Session - Restoration in the Spirit of Cooperation (Hallmark Hall B) | |
| 1:00 - 1:10 | David Vigh , NCER Chair & Session Moderator, U.S. Army Corps of Engineers | |
| 1:10 - 1:15 | Rick Hughes , President, Kansas City Visitors and Convention Bureau | |
| 1:15 - 1:20 | Colonel Michael Rossi , Kansas City District Engineer, U.S. Army Corps of Engineers | |
| 1:20 - 1:40 | LTG Carl Strock , Chief, U.S. Army Corps of Engineers | |
| 1:40 - 2:00 | Mark Myers , Director, U.S. Geological Survey | |
| 2:00 - 2:20 | Tom Christensen , Deputy Chief of Programs, USDA - Natural Resources Conservation Service | |
| 2:20 - 2:40 | Storm Cunningham , Executive Director, Revitalization Institute "Integrated Revitalization of Ecosystems, Watersheds, & Agricultural Economies" | |
| 2:40 - 3:10 | REFRESHMENT BREAK IN POSTER AND EXHIBIT DISPLAY AREA (Conference Exhibition Hall) | |
| 3:10 - 3:20 | David Vigh , NCER Chair, U.S. Army Corps of Engineers and G. Ronnie Best , NCER Co-Chair, U.S. Geological Survey Conference Overview | |
| 3:20 - 3:40 | Alan Wentz , National Group Manager of Conservation Programs, Ducks Unlimited | |
| 3:40 - 4:00 | John Askew , Region VII Administrator, Environmental Protection Agency | |
| 4:00 - 4:20 | John Hoskins , Director, Missouri Department of Conservation | |
| 4:20 - 4:50 | John Barry , Author - "After Katrina" | |
| 4:50 - 5:00 | Special Recognition Awards | |
| 5:00 - 5:30 | Sponsor Recognition and Closing Comments | |
| 6:00 - 8:00 | WELCOME RECEPTION (Crown Center Square) | |
| TUES 4/24/07 | | TUESDAY - APRIL 24, 2007 |
| 7:30 - 8:30 | MORNING REFRESHMENTS IN POSTER & EXHIBIT DISPLAY AREA (Conference Exhibition Hall) | |
| 8:30 - 9:35 | Plenary Session - 2007 Farm Bill as a Potential Tool for Ecosystem Restoration (Hallmark Hall B) | |
| 8:30 - 8:35 | Moderator Introduction - Roger Hansen , USDA - Natural Resources Conservation Service | |
| 8:35 - 8:55 | Robin Heard , Easement Programs Division Director, USDA, NRCS | |
| 8:55 - 9:15 | Vince Shay , Upper Mississippi River Director, The Nature Conservancy | |
| 9:15 - 9:35 | Roger Wolf , Director of Environmental Programs, Iowa Soybean Association | |
| 9:35 - 9:50 | REFRESHMENT BREAK IN POSTER AND EXHIBIT DISPLAY AREA (Conference Exhibition Hall) | |

| TUESDAY - APRIL 24, 2007 (continued) | | | | | | |
|--------------------------------------|--|---|---|--|---|---|
| 9:50 - 12:00 | CONCURRENT SESSIONS | | | | | |
| | SESSION 1: Mississippi River Basin Panel | SESSION 2: Planning I - The Big Picture | SESSION 3: Adaptive Management I - Overview | SESSION 4: Biogeochemistry & Contaminants I | SESSION 5: Information Technology and Data Management | SESSION 6: Paleoecology and Ecosystem History in Ecosystem Restoration |
| | Atlanta A&B | New York B | New York A | Chicago A | Chicago B | Chicago C |
| | Moderator: Ken Lubinski | Moderator: Chris White | Moderator: Barbara Stinson | Moderator: Sandra Brewer | Moderator: Mark Sherfy | Moderator: Martha Garcia |
| 9:50 - 10:00 | Introduction and Overview | Introduction and Overview | Introduction and Overview | Introduction and Overview | Introduction and Overview | Introduction and Overview |
| 10:00 - 10:20 | Panel Session - The Pros and Cons of Scaling-up Stream Restoration in the Mississippi River Basin Panelists: David Galat Larry Beran Craig Cox | Brad Thompson Lessons Learned from the Illinois River Basin Restoration Comprehensive Plan | Panel Session - Evolution and Success of the Glen Canyon Adaptive Management Program Panelists: Dennis Kubly Ted Melis Dave Garrett | Richard Batiuk Why Having the Right Water Quality Standards are Absolutely Essential to Restoring Waterbodies | Sara Simrell Effective Project Management: Sharing, Storing & Illustrating Natural Resource Information & Efforts | Lynn Wingard Setting Targets for Restoration through Integrated Science and Modeling: a Case Study from the Greater Everglades Ecosystem |
| 10:20 - 10:40 | | Ernie Niemi Economic Framework for Ecosystem Restoration | | Stephanie Otis Water Resource Plan to Reduce Phosphorus Concentration Levels Leaving the Big Cypress Seminole Indian Reservation | Mark Sudol The Status of Regional Internet Bank Tracking System (RIBITS) Nationwide | Frank Marshall The Use of Statistical Models with Paleosalinity Data to Simulate the Pre-Drainage Hydrology in the Greater Everglades |
| 10:40 - 11:00 | | Jim Henderson Conceptual Models: The Bridge Between Watershed-Level Objectives and In-the-Ground Ecosystem Restoration Projects | David Marmorek True vs. Pretend Adaptive Management | David Krabbenhoft Ecosystem Restoration, Wetlands and Mercury Contamination: Can We Find A Balance? | Coral Huber Threatened and Endangered Species Data Management System | Patrick Pitts Using Paleoecology Data to Guide Restoration of Florida's Southern Estuaries |
| 11:00 - 11:20 | | Mike Pellant Collaboration to Support the Great Basin Restoration Initiative | Tom St. Clair When is the "Right" Time for Adaptive Management? | Shaun McKinney Nitrogen Calculator to Facilitate Market Based Water Quality Trading | Bryan Baker Missouri River Geospatial Decision Support Framework | Ron Martin Time, Scale, and Process as the Basis for Ecosystem Restoration: An Example Based on the Holocene Environmental Evolution of the St. Jones Estuary, Delaware USA |
| 11:20 - 11:40 | | Brian Zettle Improving Collaboration and Communication at the Regional Level | Rich Whitley Content of the Interior Adaptive Management Guidance Manual | Tim Dekker Integrating Site Conceptual Modeling and Ecological Restoration at Contaminated Sediment Sites | Heather Henkel The South Florida Information Access (SOFIA) System | Sherri Cooper History of Anthropogenic Influence on North Carolina Estuaries |
| 11:40 - 12:00 | | April Gromnicki Defining Success for Large-Scale Eco-Restoration | Malka Pattison Linking Adaptive Management and the National Environmental Policy Act (NEPA): Case Studies | Donald Hey Nutrient Farming: The Business of Environmental Management | Orlando Ramos-Gines Overseeing Implementation of Quality Assurance Practices in Everglades Ecosystem Restoration | Deb Willard Paleoclimatic Context for Ecosystem Restoration: Examples from the Eastern United States |
| 12:00 - 1:00 | | BOXED LUNCH PROVIDED IN THE POSTER DISPLAY AREA (Conference Exhibition Hall) | | | | |

| TUESDAY - APRIL 24, 2007 (continued) | | | | | | |
|--------------------------------------|--|--|---|--|---|--|
| 1:00 - 3:30 | CONCURRENT SESSIONS | | | | | |
| | SESSION 1: Recovery of Missouri River Basin | SESSION 2: Planning II - The Big Picture | SESSION 3: Adaptive Management II - Implementation | SESSION 4: Biogeochemistry & Contaminants II | SESSION 5: Building Partnerships | SESSION 6: Economic and Environmental Quality Panel |
| | Atlanta A&B | New York B | New York A | Chicago A | Chicago B | Chicago C |
| | Moderator: Randy Graham | Moderator: Dave Tipple | Moderator: Bill Hinsley | Moderator: Eric Hughes | Moderator: Gene Zuerlein | Moderator: Bill Dawson |
| 1:00 - 1:10 | Introduction and Overview | Introduction and Overview | Introduction and Overview | Introduction and Overview | Introduction and Overview | Introduction and Overview |
| 1:10 - 1:30 | Rose Hargrave Operations of the Missouri River Mainstem Reservoir System and Navigation Channel | Judith Layzer Natural Experiments: The Politics of Ecosystem Management in the United States | Agnes McLean Challenges of Implementing Adaptive Management for a Large-Scale Ecosystem Restoration Program | Teri Heyer Defining Priority Forests to Address the Water Quality and Bird Habitat Issues in the Upper Mississippi River Watershed | John Rapp Invoking Ecosystem Restoration Through Stakeholder and Industry Partnership Building | Panel Session: Achieving Balance Between Economic Development and Environmental Quality in Ecosystem Restoration |
| 1:30 - 1:50 | Mike George The Missouri River Recovery Program and Missouri River Dam Operations | Lee R. Skabelund Defining Ecological Restoration Success from the Perspective of Land Planners and Designers | Darcy Jones The Delta Regional Ecosystem Restoration Implementation Plan: Deconstructing the System for Adaptively Managing the System | Victor Bierman Forecasting Hypoxia in the Gulf of Mexico: From Lessons Learned to the Next 50 Years | Dennis Figg Missouri's Comprehensive Wildlife Strategy: Building Partnerships that Integrate Conservation Interests | Panelists: Fred Caver What's Preventing Environmental and Economic Interests from Working Together? |
| 1:50 - 2:10 | Robert Jacobson Design of Naturalized Flow Regimes on Large, Multi-Purpose River Systems: An Example from the Lower Missouri River | Michael McGarry and Robert Wiley Navigating Unpopular Decisions: NEPA's Role in Meaningful Planning, Analysis, and Decision-Making | Elmar Kurzbach Evolution and Lessons Learned During Development of the CERP Adaptive Management Strategy | Thomas Fisher Reduction of NO3 Losses from Crop Fields Associated with Controlled Drainage Structures in the Choptank River Basin | Shelia Hess Creative Programs and New Partnership Development for Restoring Wetland Ecosystems in the Great Lakes/Atlantic Region | Jim Tripp Where is the Urgency to Drive Restoration? |
| 2:10 - 2:30 | Glenn Covington Monitoring and Evaluation at Missouri River Fish and Wildlife Mitigation Sites | Lorraine Heisler Defining Success in Everglades Restoration | Mark Colosimo Results of the Adaptive Management Federal Summit Sponsored by AWRA | Robert Daoust Optimization of a Comprehensive Ecological Monitoring Program within the Florida Everglades Stormwater Treatment Areas | Richard Neill Cheniere Building: Cooperation in South Louisiana Marsh Habitat Restoration | Denise Reed Where do the Economic and Environmental Interests Come Together in Louisiana? |
| 2:30 - 2:50 | Jason Skold A Conservation Action Plan for the Lower Missouri River Ecosystem | Adam Hosking Toward a Sustainable Coast: A Decision Process to Inform a Plan for the Future of Coastal Louisiana | Mark Mendelsohn Adaptive Management Successes on Poplar Island | Joseph DePinto Linking Submerged Aquatic Vegetation Restoration to a TMDL for the Upper Mississippi River Lake Pepin System | Fred Pinkney Wetland Mitigation Opportunities Through Partnerships | Tom Kornegay Economic and Environmental Contributions by the Port of Houston |
| 2:50 - 3:10 | Chance Bitner Improving the Aquatic Habitat of the Lower Missouri River | Daniel Wilcox Goals and Objectives for Condition of the Upper Mississippi River Ecosystem | Fred Sklar Implementation of a Statistically Sound Adaptive Management Approach for Everglades Restoration: The Decentralization Adaptive Management Plan | Scott Knight Effects of Contaminated Sediments on Backwater Restoration Project in the Mississippi River Delta | Wayne Wright Beaver Creek Restoration a Successful Partnership, Collaboration and Construction | Larry Gerry Acceler8 - Innovative Funding and Fast-track Implementation Provides Multiple Environmental and Economic Benefits to South Florida |
| 3:10 - 3:30 | David Galat Challenges to Effective Rehabilitation of the Missouri River | Ben Grumbles An Overview and Status of the Great Lakes Regional Collaboration | Ronald Thom An Applied Adaptive Management Framework for Restoration Projects in the Lower Columbia River and Estuary | Katie Flahive Reducing, Mitigating, and Controlling Hypoxia in the Northern Gulf of Mexico | Bernie Hargrave The Puget Sound Nearshore Partnership: An Approach to Restoring Nearshore Ecosystems at a Sound-wide Scale | 3:00 - 3:30 Q&A with Panelists |
| 3:30 - 4:00 | REFRESHMENT BREAK IN POSTER AND EXHIBIT DISPLAY AREA (Conference Exhibition Hall) | | | | | |

| TUESDAY - APRIL 24, 2007 (continued) | | | | | | |
|--------------------------------------|---|---|--|---|---|--|
| 4:00 - 5:30 | <p align="center">RESTORATION COFFEE HOUSE (Hallmark Hall B) Major Challenges in Ecosystem Restoration Programs: Defining Success Moderator - John Ogden, Chief Ecologist, South Florida Water Management District</p> <p align="center">Panelists: Diana Jacobs, Deputy Director California Department of Fish and Game (Retired) Mike Olson, Missouri River Coordinator, U.S. Fish and Wildlife Service Ann Swanson, Executive Director, Chesapeake Bay Commission</p> | | | | | |
| 5:30 - 8:00 | <p align="center">POSTER SESSION I & RECEPTION (Conference Exhibition Hall) (PRESENTERS TO REMOVE DISPLAYS UPON CONCLUSION)</p> | | | | | |
| WEDNESDAY - APRIL 25, 2007 | | | | | | |
| 7:30 - 8:30 | <p align="center">MORNING REFRESHMENTS IN POSTER & EXHIBIT DISPLAY AREA (Conference Exhibition Hall)</p> | | | | | |
| 7:30 - 8:30 | <p align="center">SESSION II POSTER PRESENTERS SET-UP DISPLAYS (Conference Exhibition Hall)</p> | | | | | |
| 8:30 - 9:35 | <p align="center">Plenary Session - Partnering for Sustainable Success (Hallmark Hall B)</p> | | | | | |
| 8:30 - 8:35 | <p align="center">Moderator Introduction - Cecilia Green, Senior Vice President, PBS&J</p> | | | | | |
| 8:35 - 8:55 | <p align="center">Larry Gerry, Director, CERP Planning Department, South Florida Water Management District</p> | | | | | |
| 8:55 - 9:15 | <p align="center">Robert Johnson, President, Wildlife Habitat Council</p> | | | | | |
| 9:15 - 9:35 | <p align="center">John Flicker, President, National Audubon Society</p> | | | | | |
| 9:35 - 10:00 | <p align="center">REFRESHMENT BREAK IN POSTER AND EXHIBIT DISPLAY AREA (Conference Exhibition Hall)</p> | | | | | |
| 10:00 - 12:00 | <p align="center">CONCURRENT SESSIONS</p> | | | | | |
| | <p align="center">SESSION 1: Riverine I - Partnerships</p> | <p align="center">SESSION 2: Planning III - Cooperation</p> | <p align="center">SESSION 3: Adaptive Management III - Monitoring</p> | <p align="center">SESSION 4: Restoration Planning Panel</p> | <p align="center">SESSION 5: Watershed Planning</p> | <p align="center">SESSION 6: Role of Partnerships in Implementing Farm Bill Programs for Fish and Wildlife</p> |
| | Atlanta A&B | New York B | New York A | Chicago A | Chicago B | Chicago C |
| | Moderator: Patricia Strayer | Moderator: Herman Karl | Moderator: Doug Robison | Moderator: Gail Bingham | Moderator: Tom Denes | Moderator: Howard Hankin |
| 10:00 - 10:10 | Introduction and Overview | Introduction and Overview | Introduction and Overview | Introduction and Overview | Introduction and Overview | Introduction and Overview |
| 10:10 - 10:30 | Kelly Crane Interagency Spirit of Cooperation | Leon Carl Partnership for Effective Science and Management of Natural Resources | Richard Batiuk Into the Third Decade: Monitoring the Chesapeake Bay Ecosystem for Restoration Decision-Making | Panel Session - A Framework for Success in Designing and Implementing Ecosystem Restoration Efforts Panelists: Gail Bingham Keys to Success for Ecosystem Restoration Partnerships | David Heller Implementation of a Strategy for the Prioritization and Restoration of Whole Watersheds on National Forest System Lands of the Pacific Northwest | Pete Heard Role of Partnerships in Addressing NRCS Technical Needs for Fish and Wildlife |
| 10:30 - 10:50 | Doug Schleusner Organizational Dynamics in the Trinity River Restoration Program: A Case Study | Mike Eng and Mary Roth Working with Stakeholders to Craft Missouri River Recovery Solutions [PART I] | Gregory Steyer Integrating Wetland and Water Monitoring in Coastal Louisiana for Improved Restoration Planning, Assessment, and Adaptive Decision-making | Marci DuPraw Case Study in Collaboration: Developing a Corridor Management Plan for the Lower American River | Meg Jonas Channel Evolution in Urban Watersheds | Paul Rodrigue Soil and Nutrient Retention in Winter-Flooded Ricefields with Implications for Watershed Management |
| 10:50 - 11:10 | Brian Johnson The Middle Mississippi River Partnership: An Example of Collaborative Natural Resource Based Planning | Mike Eng and Mary Roth Working with Stakeholders to Craft Missouri River Recovery Solutions [PART II] | Greg Graves Sustainability of a Longterm Monitoring and Assessment Effort in the Comprehensive Everglades Restoration Plan | Denise Reed Case Study in Collaboration: Designing a Science-Driven Solution for Gulf Coast Restoration | David Ross Watershed Restoration in the Klamath Basin: An Upside-down Watershed | Charles Rewa The Role of Partnerships in Assessing the Effects of Agricultural Conservation Practices on Fish and Wildlife |

| WED 4/25/07 | | | | | | | WEDNESDAY - APRIL 25, 2007 (continued) | | | | | | |
|---------------|---|--|---|--|---|---|--|--|--|--|--|--|--|
| 11:10 - 11:30 | Marvin Hubbell Successful Partnerships are Worth the Effort: The Environmental Management Program (EMP) Experience | Ondrea Hummel Collaborative Efforts of Restoration in the Middle Rio Grande Bosque | Mathias Collins Developing Monitoring Standards for Gulf of Maine Barrier Removal Projects | Panel Session (cont'd)- Ben Wigley Case Study in Collaboration: Creating Ecological and Economic Partnerships with Private Landowners in Maine Richard Whitley Case Study in Collaboration: Forming the Cooperative Sage Brush Initiative in the Great Basin – A New Governance Model | Leroy Stokes Using a Watershed-Scale, GIS-Based Approach to Guide Resource Conservation in a Missouri River Tributary Watershed | Curtis Hopkins Role of Partnerships in Delivering Farm Bill Programs for Fish and Wildlife | | | | | | | |
| 11:30 - 11:50 | Gary Roderick Partnership for Restoration of the Wild and Scenic Loxahatchee River | Kimberley Goodman Collaborative Bull Trout Restoration on the Little Lost River, Central Idaho | Bob Woithe Hydrobiological Monitoring and Analysis in Support of Adaptive Management of Surface Water Withdrawals from Tampa Bay Tidal Rivers | | Barry Southerland Geomorphic Meander Reconstruction and Monitoring in Critical Salmonid Habitat | Paul Conrads Government Cooperation and Collaboration in the Development of Innovative Models to Address Potential Impacts to Tidal Freshwater Wetlands | | | | | | | |
| 12:00 - 1:00 | BOXED LUNCH PROVIDED IN THE POSTER DISPLAY AREA (Conference Exhibition Hall) | | | | | | | | | | | | |
| 1:00 - 3:30 | CONCURRENT SESSIONS | | | | | | | | | | | | |
| | SESSION 1: Riverine II - Applied Science | SESSION 2: Floodplain Functions | SESSION 3: Adaptive Management IV Case Studies | SESSION 4: Biogeochemistry and Contaminants III | SESSION 5: Science of Restoration I | SESSION 6: USACE/NRCS Partnering | | | | | | | |
| | Atlanta A&B | New York B | New York A | Chicago A | Chicago B | Chicago C | | | | | | | |
| | Moderator: Troy Constance | Moderator: Mark Lane | Moderator: Jim Vearil | Moderator: Joanne Chamberlain | Moderator: Hank Jarboe | Moderator: Keith Admire | | | | | | | |
| 1:00 - 1:10 | Introduction and Overview | Introduction and Overview | Introduction and Overview | Introduction and Overview | Introduction and Overview | Introduction and Overview | | | | | | | |
| 1:10 - 1:30 | Larry Weber Science-Based Adaptive Management in Large-River Restoration | Todd Strole Restoration of Functional Floodplain as a Strategy to Help Conserve Biological Diversity of the Illinois River, a Large-Floodplain River Ecosystem | Patti Sime Ten Mile Creek Project: A Partnership in Adaptive Management | Billy Johnson Development of Nutrient and Contaminant Sub-Modules for Integration with USACE Hydraulic and Hydrologic Modeling Systems | Christa Zweig Habitat Use of the Endangered Florida Snail Kite During Everglades Restoration | Anne Sudar and Doris Washington An Overview of Partnering Between the NRCS and the USACE | | | | | | | |
| 1:30 - 1:50 | Michael Headrick Ecological Lessons Learned from the Great Missouri River Flood of 1993 | Georganna Collins and Bob Esenwein Bioengineered Shoreline Stabilization Techniques that Enhance Fish and Wildlife Habitat | Robert Clevestine Implementing Adaptive Management for Upper Mississippi River Navigation and Ecosystem Sustainability | William Orem Sulfate Impacts on the Everglades, Florida: Growing Concern for an Underappreciated Contaminant | Irene Van der Stap Exploring the Temporal Effects of Seasonal Water Availability on the Snail Kite of Florida | Lynn Martin Regional Sediment Management - An Opportunity for Collaboration between NRCS and the Corps of Engineers | | | | | | | |
| 1:50 - 2:10 | Andrew Collison Geomorphic and Ecological Aspects of Restoring Floodplains in Levee Setbacks: The Bear-Feather River Confluence, California | William James Reconnecting Backwaters with Large Rivers to Improve In-Stream Nitrogen Processing | Lauren Hastings CALFED Ecosystem Restoration Program Adaptive Management Experiments: Are They Working? | George Aiken Dissolved Organic Matter and Mercury in the Everglades: Implications for Ecosystem Restoration | Janel Brush Wetland Avifauna Response to Extreme Littoral Habitat Modification in Lake Tohopekaliga, Florida | Craig Forget and Tony Friona Western Lake Erie Basin Partnership to Improve Lake Erie and Maumee Watershed | | | | | | | |

| WED 4/25/07 | WEDNESDAY - APRIL 25, 2007 (continued) | | | | | |
|--------------|--|--|---|---|--|---|
| 2:10 - 2:30 | Rebecca Fris Ecosystem Restoration in the Sacramento Valley of California: Restoration Implementation and Lessons Learned in Butte Creek, Clear Creek and Battle Creek | Thomas Keevin Determining the Need to Restore the Hydraulic Connectivity of Side Channels on the Middle Mississippi River | Heather McSharry Missouri River Basin Recovery Adaptive Management Program | Paul McCormick Ecological Changes across Anthropogenic Hydrologic and Chemical Gradients in a Rainfall-driven Everglades Wetland | Shawn Liston Importance of Cypress Forests to Everglades Fish and Macroinvertebrates | Tony Stevenson An Overview of Arkansas Natural Resources Conservation Service Working with the U.S. Army Corps of Engineers and other Federal, State and Local Agencies |
| 2:30 - 2:50 | Troy Hythecker Ecosystem Restoration Techniques from the Upper Mississippi River Environmental Design Handbook | Philip Williams Quantifying Functional Flood Plains on A Large Scale Regulated River | Anthony Eberhardt Past and Future Lake Ontario Water Level Adaptive Management | Gene Foster Water Quality Impact of Proposed South Florida Reservoirs | Peter Blank Bird Use of Herbaceous Filter Strips Bordering Crop Fields in Maryland | Dale Pekar Economic Analysis in NRCS Projects with Ecosystem Restoration Objectives |
| 2:50 - 3:10 | Jeff Janvrin Twenty Years of Upper Mississippi River Habitat Projects: Lessons Learned and Environmental Response to Restoration | Doug Shields Restoration of Backwater Habitat Along Floodplain Rivers: Just Add Water | Kent Loftin Kissimmee River Restoration and the Application of Adaptive Management Principles | Sharook Madon Biotic Responses to Water Quality in the Farmington Bay Wetlands | TRichard Raid The Role of Invasive Species as Habitat for Wildlife and the Consequences of Their Removal | Scott Fetters Land Trust and Consultant Partnership for Wetland Restoration in Central Indiana |
| 3:10 - 3:30 | Tomma Barnes Davis Pond Freshwater Diversion: Importance of Adaptive Management and Flexible Design | Emily Tracy-Smith Effects of Flow Dynamics on Lower Missouri River Sandbar Morphology with Implications for Selected Biota | Eliza Shively-Hines Development of the Adaptive Management Implementation Manual for CERP | Bart Faulkner Model Simulation Studies of Scale-Dependent Gain in Stream Nutrient Assimilative Capacity Resulting from Improving Nutrient Retention Metrics | | Larry Schwartz USACE-IWR Management Measures Digital Library |
| 3:30 - 4:00 | REFRESHMENT BREAK IN POSTER AND EXHIBIT DISPLAY AREA (Conference Exhibition Hall) | | | | | |
| 3:30 - 5:30 | AD HOC MEETINGS and INFORMAL NETWORKING - Poster & Exhibit Hall Open for Viewing (A limited number of meeting rooms are available on a first-come, first-served basis for ad hoc meetings. Sign-up sheets to reserve space are located on Poster Board Number One in the Exhibit Hall.) | | | | | |
| 3:30 - 6:00 | Missouri River Recovery Implementation Committee (Fremont Room) Planning Group Meeting (MRRIC members only please) Organizer: Mike Eng | | | | | |
| 4:00 - 5:30 | U.S. Army Corps of Engineers (Chicago A) "Staff Gathering to Share Ecosystem Restoration Lessons Learned" (USACE Staff Only Please) Organizer: Jim Boone ; Moderator: Ed Theriot | | | | | |
| | DINNER & EVENING ON YOUR OWN | | | | | |
| THUR 4/26/07 | THURSDAY - APRIL 26, 2007 | | | | | |
| 7:30 - 8:30 | MORNING REFRESHMENTS IN POSTER & EXHIBIT DISPLAY AREA (Conference Exhibition Hall) | | | | | |
| 8:30 - 9:30 | Plenary Session - Priorities and Measures for Restoration (Hallmark Hall B) | | | | | |
| 8:30 - 8:35 | Moderator Introduction - Don Curtis , HDR | | | | | |
| 8:35 - 9:00 | Les Ramirez , Attorney, Law Office of Les W. Ramirez "Ecosystem Restoration in Indian Country: Policy, Poetics and Planning" | | | | | |
| 9:00 - 9:25 | John Paul Woodley , Assistant Secretary of the Army for Civil Works | | | | | |
| 9:25 - 9:30 | CLOSING REMARKS | | | | | |
| 9:30 - 9:50 | REFRESHMENT BREAK IN POSTER AND EXHIBIT DISPLAY AREA (Conference Exhibition Hall) | | | | | |

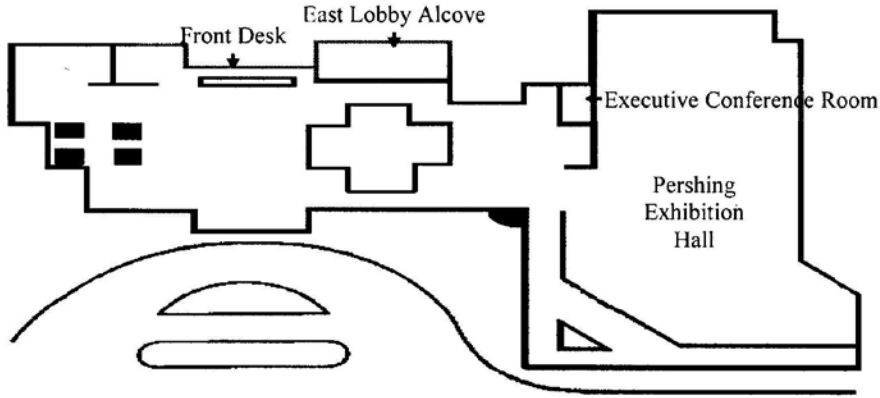
| THURSDAY - APRIL 26, 2007 (continued) | | | | | | |
|---------------------------------------|---|--|--|--|--|---|
| 9:50 - 12:00 | CONCURRENT SESSIONS | | | | | |
| | SESSION 1: Riverine III - Case Studies | SESSION 2: Planning IV - Restoration | SESSION 3: Planning Tools and Technologies | SESSION 4: Science of Restoration II | SESSION 5: Restoration of Western Lands | SESSION 6: Ecosystem Restoration in Silicon Valley Panel Session |
| | Atlanta A&B | New York B | New York A | Chicago A | Chicago B | Chicago C |
| | Moderator: Steve Light | Moderator: Bob Dimmitt | Moderator: Joe Redican | Moderator: Si Simenstad | Moderator: Lad Lougee | Moderator: Steve Ritchie |
| 9:50 - 10:00 | Introduction and Overview | Introduction and Overview | Introduction and Overview | Introduction and Overview | Introduction and Overview | Introduction and Overview |
| 10:00 - 10:20 | Andrew McCoy Working Together: Bioengineered Bank Stabilization on the Missouri River | Jennifer Switzer A Plan for Recovery and Restoration of the Missouri River: Linking Planning, Process, and Decision-Making | Lawrence Skaggs Applying the New IWR Planning Suite to Ecosystem Restoration Projects | Matt Harwell A Pilot Test of Everglades Monitoring and Assessment: Lessons Learned | Marcia Maslonek The Dow Facility in Pittsburg, California | Panel Session - Ecosystem Restoration in the Heart of Silicon Valley: Adaptive Management and the South San Francisco Bay Salt Ponds PANELISTS: Steve Ritchie The South Bay Salt Ponds in 2007: Setting the Course for 30 Years of Restoration Lynne Trulio Science Program Development for Ecosystem Restoration Michelle Orr Integrating Flood Management, Tidal Habitat Restoration, and Long-term Geomorphic Change Bryan Plude Cost Estimating Challenges: Optimizing Soft vs. Hard Engineering with Adaptive Management and O&M Steve Ritchie Challenges of Funding a Locally-Initiated Project While Aiming for WRDA Authorization |
| 10:20 - 10:40 | Tim Schlagenhaft Water Level Management - A Restoration Tool for the Upper Mississippi River | Kevin O'Donnell Including Quantifiable Objectives and Project Monitoring in River Restoration: The Case of the Upper Mississippi River Basin | Rio Roland Identifying and Valuing Hydrologic Restoration Opportunities in the Great Lakes Basin | Heida Diefenderfer Evaluating Cumulative Ecosystem Response to Restoration Projects in the Columbia River Estuary | Phil Page Empire Canyon: Sustainable Redevelopment of a Superfund Site | |
| 10:40 - 11:00 | Camie Knollenberg Restoration of Natural Hydrology and Protection of Hardwood Trees on the Upper Mississippi River at Milan Bottoms, Illinois | Laurie Briden Restoration Approach for Suisun Marsh, the Largest Brackish Marsh in the West | Jim Henderson Getting Past the Habitat Units: Incorporating Ecosystem Services in Evaluation of Ecosystem Restoration Projects | William Leibfried Native Fish Habitat Restoration in Selected Tributaries of the Grand Canyon: A Potential Recovery Effort for Native Fishes | Brian Bair Large Scale Stream Channel and Floodplain Rehabilitation of Resurrection Creek Near Hope, Alaska | |
| 11:00 - 11:20 | Mark Pratt Restoration of Island Habitat through Adaptive Management on the Upper Mississippi River in Pool 11 near Dubuque, Iowa | Patricia Flebbe Forest Restoration in the LMAV: Science at the Crossroads of Economics and Ecology | David Soballe TASTR: A Trophic Assessment Screening Tool for Reservoirs | Brandt Gutermuth Trinity River Restoration Program: Putting Restoration on the Ground Should be Easy | Jeff Krueger Testing the Effectiveness of Various Site Preparation Techniques for Wetland Prairie Restoration | |
| 11:20 - 11:40 | Scott Miner Formulation of A Multi-Purpose Plan for the Truckee River, Nevada | Eric Bush Identifying Water for the Everglades: Technical Procedures Update | Craig Stevens A Web-Based Conceptual Model as Information Repository and Research Tool | Chris Macon Monitoring Lake Pontchartrain Shoreline Recovery Using Remote Sensing Techniques | Sarah Soard Wetland Mitigation Through Restoration of a Wet Meadow | |
| 11:40 - 12:00 | William Werner Ecosystem Restoration: Alamo Lake and the Bill Williams River, Arizona | Kimberlee Mulhern Abandoned Mine Reclamation in Nevada: A Cooperative Effort | | Todd Williams and Lindell Bates LIDAR: What Is It and What Can It Do For You? | John Thomson and Caroline Prose The Central Valley Project Conservation and Restoration Programs: Recovering Species and Habitats in California's Central Valley | |
| 12:00 - 1:00 | BOXED LUNCH PROVIDED IN THE POSTER DISPLAY AREA (Conference Exhibition Hall) | | | | | |

| THURSDAY - APRIL 26, 2007 (continued) | | | | | | |
|---------------------------------------|--|---|---|---|---|--|
| 1:00 - 3:30 | CONCURRENT SESSIONS | | | | | |
| | SESSION 1: Riverine IV - Case Studies | SESSION 2: Restoration Program Management | SESSION 3: Restoration Priorities | SESSION 4: Science of Restoration III | SESSION 5: Ecological Modeling | SESSION 6: Urban Ecosystem Restoration |
| | Atlanta A&B | New York B | New York A | Chicago A | Chicago B | Chicago C |
| | Moderator: Jane Ledwin | Moderator: Tom St. Clair | Moderator: Beverley Getzen | Moderator: John Remus | Moderator: Frank Mazzotti | Moderator: Dave Tazik |
| 1:00 - 1:10 | Introduction and Overview | Introduction and Overview | Introduction and Overview | Introduction and Overview | Introduction and Overview | Introduction and Overview |
| 1:10 - 1:30 | Michael Chapman Impacts of the Bank Stabilization and Navigation Project Construction on the Geomorphology of the Lower Missouri River | Col. Paul Grosskruger Everglades Restoration: Managing a Complex Ecosystem Restoration Program | Richard Cole Resolving Restoration Issues Arising from Incommensurate Indicators of Environmental Benefit | Jana Newman Synthesis of Lessons Learned from Baseline Data Assessment Generated from CERP and MAP for the Greater Everglades Wetlands | Laura Brandt Ecological Models and Ecosystem Restoration | Jeremy Thomas Ecosystem Restoration in a Highly Urbanized Environment: Jamaica Bay Watershed, New York, City |
| 1:30 - 1:50 | Randy Epperson Effective Approach to Missouri River Ecosystem Protection with Wetlands Reserve Enhancement Program Partnerships | Doug Lamont Bang for the Buck: A Look at Ecosystem Restoration Outputs from Completed Corps Projects | Joseph Shisler Ecological Benchmarks in Habitat Restoration | John Henz Creative Application of Hydro-Climatic Prediction in a Watershed Drought Management Plan | Robert Twilley Developing Ecogeomorphic Models of Coastal Wetland Restoration: Conceptual and Simulation Models of Hydrogeomorphic Dynamics Coupled to Ecosystem State Change | Nicolle Rutherford Restoration of an Urban Stream in the City of Kent, King County, Washington |
| 1:50 - 2:10 | Robert Hrabik The Status of Three Environmental Improvement Projects in the Middle Mississippi River | Stu Appelbaum Lessons Learned from the RECOVER Science Support Team in the Everglades Restoration Program | Mickey Heitmeyer Development of Ecosystem Restoration Plans for the Bayou Meto Basin of Arkansas | Lara Rozzell Contributions and Limitations of a Stream Restoration Monitoring Scheme for Ten Projects in the Hiwassee River Watershed of North Carolina | Evelyn Gaiser Freshwater Periphyton Communities in the Greater Everglades: Modeling Responses to Hydrology and Water Quality | Bryan Plude Urban Ecosystem Restoration: Integrated Water Resource Management Planning - A Regional Approach to Ecosystem Restoration in Los Angeles |
| 2:10 - 2:30 | William Werner Overview of the Lower Colorado River Multi-Species Conservation Program | Cheryl Ulrich Everglades Restoration: State and Federal Coordination at the Working Level - Lessons Learned | Joel Darnell Master Planning of Coastal Habitat Restoration in Texas Bays | Thomas Mumford Monitoring and Adaptive Management for an Ecosystem and Process-Based Puget Sound Restoration Program | Daniel Slone A Landscape-level Alligator Population Model in Support of Everglades Restoration | Mike Davis New Life in a Dead Zone - An Urban Mississippi Redemption: Opportunities for Mussel Reintroductions |
| 2:30 - 2:50 | Belle Bergner Ecological Restoration of the Milwaukee River: A Model for Restoration Partnerships | Carol Mitchell The National Park Service Role in Everglades Restoration: The South Florida Natural Resources Center at Everglades National Park | Tarang Khangaonkar Assessment of Restoration Alternatives to Improve Brackish Water Habitat in the Skagit River Estuary | John McCoy Restoring a Watershed at the Ground Level: Progress and Challenges with the Corsica River Watershed Restoration Initiative | Lisa Rabbe Modeling Bald Eagle Habitat along the Missouri River - Establishing Priority Areas for Cottonwood Regeneration | Tom Jacobs Regional Green Infrastructure Planning in Kansas City |

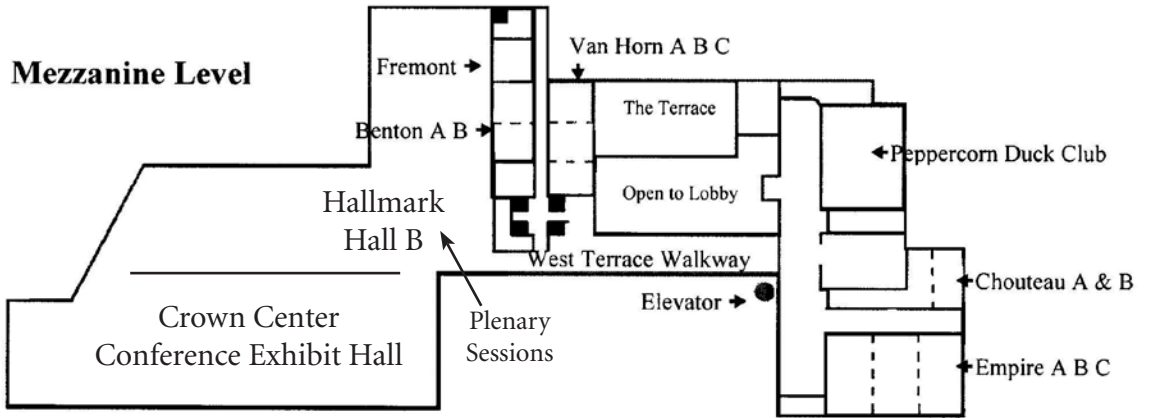
| THUR 4/26/07 | THURSDAY - APRIL 26, 2007 (continued) | | | | | |
|-------------------------|---|--|--|---|---|---|
| 2:50 - 3:10 | CONCURRENT SESSIONS (continued) | | | | | |
| | James Loveless The Eagle Bluffs Conservation Area - A Case Study of Partnerships | Peter Ortner The National Oceanic and Atmospheric Administration Role in South Florida Ecosystem Restoration: the NOAA South Florida Program | Dilip Trivedi Integrating Flood Management with Restoration Objectives for the South Bay Salt Ponds | Pam Latham Cumulative Impacts of Development and Natural Climate Variability on Natural Habitats in the Peace River Watershed and Efforts to Restore Natural Habitats | Jerry Lorenz Habitat Suitability Index for Roseate Spoonbills Nesting in Northeastern Florida Bay | David Sample Evaluating Effects of an Urban Return Flows on the Regional Water Balance and Downstream Estuaries |
| 3:10 - 3:30 | John Porter Chacon Creek Restoration: Ecosystem Challenges in a Semi-Arid Environment on the U.S.-Mexico Border | Jeff Trulick One Corps, One Team - Everglades Restoration Example of a Nationwide Team - Pros, Cons, Lessons Learned | David Hibbs Creative Partnerships on the McBaine Wetland - Between the Corps of Engineers, Missouri Department of Conservation, and the City of Columbia, MO | John Garrison Emergent Sandbar Habitat Creation for the Interior Least Tern and Piping Plover on the Missouri River | Dale Gawlik Landscape Suitability Models for Wading Birds: Coupling Small Scale Habitat Models with Landscape Hydrologic Models | Jack Pizzo Successful Restorations in Urban Settings: What to Do and What to Avoid |
| 3:30 - 4:00 | REFRESHMENT BREAK IN POSTER AND EXHIBIT DISPLAY AREA (Conference Exhibition Hall) | | | | | |
| 4:00 - 4:10 | Plenary Session Restoration Coffee House Introductory Session (Hallmark Hall B) | | | | | |
| 4:10 - 4:30 | Dale Hall, Director, U.S. Fish and Wildlife Service | | | | | |
| 4:30 - 6:00 | <p style="text-align: center;">RESTORATION COFFEE HOUSE (Hallmark Hall B) Major Challenges in Ecosystem Restoration Programs: Setting Priorities Moderator - Ron Ott, Deputy Director Science, California Bay-Delta Authority</p> <p style="text-align: center;">Panelists: Frank Dawson, Assistant Secretary for Chesapeake Bay Program, Maryland DNR Cheryl Ulrich, Everglades Division, Strategic Execution Branch Chief, U.S. Army Corps of Engineers, Jacksonville District Mike George, Missouri River Recovery Program Manager, U.S. Army Corps of Engineers, Omaha District Denise Reed, CALFED Restoration Program Science Board Member</p> | | | | | |
| 6:00 - 8:30 | POSTER SESSION II & RECEPTION IN POSTER & EXHIBIT DISPLAY AREA | | | | | |
| FRI 4/27/07 | | | | | | |
| FRIDAY - APRIL 27, 2007 | | | | | | |
| 7:30 - 8:00 | MORNING REFRESHMENTS IN POSTER & EXHIBIT DISPLAY AREA (Conference Exhibition Hall) | | | | | |
| 8:00 - 9:30 | <p style="text-align: center;">RESTORATION COFFEE HOUSE (Hallmark Hall B) Major Challenges in Ecosystem Restoration Programs: Measures for Determining Success Moderator - Don Boesch, President, University of Maryland Center for Environmental Science</p> <p style="text-align: center;">Panelists: Matt Harwell, Senior Ecologist, DOI Everglades Program Team, U.S. Fish & Wildlife Service Lauren Hastings, CALFED Science Program Manager Casey Kruse, Chief, Threatened & Endangered Species Section, U.S. Army Corps of Engineers, Omaha District</p> | | | | | |
| 9:30 - 9:50 | REFRESHMENT BREAK IN POSTER AND EXHIBIT DISPLAY AREA (Conference Exhibition Hall) | | | | | |

| FRI 4/27/07 | FRIDAY - APRIL 27, 2007 (continued) | | | | | |
|---------------|--|---|---|--|---|--|
| 9:50 - 12:00 | CONCURRENT SESSIONS | | | | | |
| | SESSION 1: Riverine V - Wildlife Habitat | SESSION 2: Planning V - Restoration | SESSION 3: Physical Modeling | SESSION 4: Sediment Transport | SESSION 5: Structural Considerations for Restoration | |
| | New York B | New York A | Chicago A | Chicago B | Chicago C | |
| | Moderator: Dave Koran | Moderator: Tony Buitrago | Moderator: Larry Shepard | Moderator: Josephine Axt | Moderator: Steven D. Culberson | |
| 9:50 - 10:00 | Introduction and Overview | Introduction and Overview | Introduction and Overview | Introduction and Overview | Introduction and Overview | |
| 10:00 - 10:20 | Ellen Cummings Fish Passage: Ways, Means, and Initiatives | Michael Greer Great Lakes Habitat Initiative | Paul Boyd Using Two Dimensional Modeling to Estimate Physical Changes in Geometry on the Missouri River | Faith Fitzpatrick Understanding Sediment Transfer and its Role in Aquatic Habitat Rehabilitation, Whittlesey Creek National Wildlife Refuge, Wisconsin | Eric Cline A Review of Research Conducted at the Loxahatchee Impoundment Landscape Assessment (LILA) Project | |
| 10:20 - 10:40 | Kenneth Ferjancic Creation of Refugia for Threatened and Endangered Fishes | Antisa Webb Planning and Analysis for the Middle Rio Grande Bosque Ecosystem Restoration Feasibility Study | Daniel Pridal Integration of Physical and Biological Data with Hydraulic Modeling on the Missouri River | Jeff Waters Regional Sediment Management for the Mississippi River Basin | Daniel Medina Quantification of Aquatic Ecosystem Improvements through Flow Regime Restoration | |
| 10:40 - 11:00 | John Nestler Large Rivers from a Fish's Perspective: Integrating Stream Habitat and Flood Pulse Concepts | Greg Green Lessons Learned from a Tidal Marsh Restoration in California | Leonard Pearlstine Modeling Daily Water Surface and Water Depth for the Everglades Depth Estimation Network | David Gordon Environmental River Engineering with Hydraulic Sediment Response Models | Philip Williams Using Geomorphic Predictions in Restoration Planning at the Estuary Scale | |
| 11:00 - 11:20 | Sandra Clark-Kolaks Effects of River Connectivity on Lower White River Flood Plain Lakes and Fish Communities | Scott Estergard Comparison of Mesic and Semi-Arid River Restoration: Implications to Practice, Policy, and Cost | Eric Swain Developing a Heat Transport Formulation for a Two-Dimensional Hydrodynamic Model of Coastal Wetlands | Marie Pepler Effects of Large Floods on Sediment Mobility Through Monitored Restoration Sites, North Fish Creek, Wisconsin | Kari Layman Spring Lake Islands Habitat Rehabilitation and Enhancement Project | |
| 11:20 - 11:40 | Elliott Stefanik Pool Drawdowns and Native Mussels: A Case Study of Adaptive Management on the Upper Mississippi River | Laura Stroup Climate Change Effects on Water Management Adaptation | | Rob Thomas Enhancing Sediment Transport to Subsiding Salt Marshes | Maureen Corcoran Comparison of Erosional Processes on the Amite and Comite Rivers, Southwest Mississippi and Central Louisiana, USA | |
| 11:40 - 12:00 | Andy Gunther Cooperative Development of a Technical Foundation for Restoration of Steelhead Trout in Central and Southern California | Bill Precht Multi-scale Approaches to Restoring the Ecologic Function of Coral Reefs | | David Beaqueaith Application of Sediment Assessment Model (SIAM) in the Kankakee River Basin, Indiana and Illinois | | |
| Noon | CONFERENCE ENDS | | | | | |
| 12:00 - 12:30 | Assembly for Field Trips [Exhibit Hall Foyer] | | | | | |
| 12:30 - 5:30 | OPTIONAL POST-CONFERENCE FIELD TRIPS | | | | | |
| | Terrestrial Restoration Trip ORGANIZER: Jeff Robichaud , USEPA | | | Missouri River Restoration Trip ORGANIZER: Chris White , USACE Kansas City District | | |

Lobby Level



Mezzanine Level



Ballroom Level

