

# PROGRAM AGENDA

**2009 National Conference On  
Ecosystem Restoration (NCER '09)  
*The Spirit of Cooperation*  
July 20-24, 2009 Los Angeles, CA USA**

**Hosted by :**

***Federal, State, Local Agencies and Partners  
Committed to Ecosystem Restoration***

**Contributing Partners :**



**<http://conference.ifas.ufl.edu/NCER2009>**

<b>MONDAY 7/20/09</b>	<b>WELCOME to the 3rd National Conference on Ecosystem Restoration (NCER '09)</b>
7:30-12:30	EXHIBITOR MOVE-IN (Conference Exhibition Hall - Pasadena Room)
7:30-12:30	SESSION I POSTER PRESENTERS SET-UP DISPLAYS (Conference Exhibition Hall - Pasadena Room)
7:30-5:30	Registration Opens for Conference Attendees (San Diego Ballroom - Level 2)
8:30-12:00	<b>CLIMATE CHANGE WORKSHOP (Emerald Bay Room of Catalina Ballroom - Level 3)</b> Developing Restoration and Management Strategies in the Context of Climate Change: G. Ronnie Best, U.S. Geological Survey, Gregory Eckert, National Park Service, Glenn Landers, U.S. Army Corps of Engineers and Laura Stroup, Texas State University
8:30-12:00	<b>CAMNet ADAPTIVE MANAGEMENT WORKSHOP (Avalon Room - Level 3)</b> Kent Loftin, Hydroplan LLC., Jennifer Pratt-Miles and Barbara Stinson, Meridian Institute, Chad Smith, Headwaters Corporation and Tom St. Clair, PBS&J
12:10-1:00	LUNCH ON YOUR OWN
1:00 - 5:30	WELCOMING PLENARY SESSION (Sacramento/San Francisco)
1:00 - 1:10	Moderator Introduction - David Koran, NCER Chair, U.S. Army Corps of Engineers
1:10 - 1:15	Welcome to the City of Los Angeles - Michael Krouse, CHME, CMP, Senior Vice President of Sales for LA INC., Los Angeles Convention and Visitors Bureau
1:15 - 1:20	Col. Thomas Magness III, Los Angeles District Commander, U.S. Army Corps of Engineers
1:20 - 1:30	Col. Janice L. Dombi, Commander, South Pacific Division, U.S. Army Corps of Engineers
1:30 - 2:00	LTG Robert L. Van Antwerp, Chief of Engineers and Commander of the U.S. Army Corps of Engineers
2:00 - 2:30	Suzette Kimball, Director, U.S. Geological Survey
2:30 - 3:00	Mike Hubbs, Director, Ecological Sciences Division Natural Resources Conservation Service
3:00 - 3:30	REFRESHMENT BREAK IN POSTER AND EXHIBIT DISPLAY AREA
3:30 - 5:30	WELCOMING PLENARY SESSION (Sacramento/San Francisco Ballroom)
3:30 - 3:40	Moderator Introduction - G. Ronnie Best, U.S. Geological Survey
3:40 - 4:10	Terrence "Rock" Salt, Principal Deputy Assistant Secretary, Office of the Assistant Secretary of the Army (Civil Works)
4:15 - 4:45	Bill Leary, Former Director for Natural Resources, Council for Environmental Quality (CEQ)
4:45 - 5:00	Question & Answer / Discussion Period
5:00- 5:30	Sponsor Recognition and Closing Comments
6:00 - 8:00	WELCOME RECEPTION (Plaza Outdoor Deck - Level 4)
<b>TUESDAY 7/21/09</b>	<b>TUESDAY - JULY 21, 2009</b>
7:30-8:30	MORNING REFRESHMENTS IN POSTER & EXHIBIT DISPLAY AREA (Conference Exhibition Hall - Pasadena Room)
8:30 - 9:35	Plenary Session - Integrating Ecosystem Services into Large-scale Ecosystem Restoration (Sacramento/San Francisco) This session will address the emerging challenge of incorporating ecosystem services into large-scale ecosystem restoration.
8:30 - 8:35	Moderator Introduction - Carl Shapiro, U.S. Geological Survey
8:35-8:55	David Brookshire, Professor of Economics, University of New Mexico
8:55 - 9:15	Greg Biddinger, Natural Land Management Program Coordinator, ExxonMobil Biomedical Sciences, Inc.
9:15 - 9:35	Carl Lucero, Acting Deputy Director, USDA's Office of Ecosystem Services and Markets
9:35 - 10:00	REFRESHMENT BREAK IN POSTER AND EXHIBIT DISPLAY AREA (Conference Exhibition Hall - Pasadena Room)

TUESDAY 7/21/09	TUESDAY - JULY 21, 2009 (continued)					
CONCURRENT SESSIONS						
	SESSION 1: Large-Scale Ecosystem Restoration Program Comparison and Contrast	SESSION 2: The Appropriate Role for Ecosystem Services in Ecosystem Restoration and Environmental Decision Making	SESSION 3: Stream Corridor Conservation Actions to Restore Riverine Processes on Private Lands	SESSION 4: Restoration of an Urbanized Estuary: San Francisco Bay Shoreline	SESSION 5: Ecological History Relevance for Ecosystem Management	SESSION 6: Biogeochemistry, Water Quality and Contaminants
10:00 - 12:10	San Jose (Level 2)	Emerald Bay (Level 3)	Avalon Room (Level 3)	Hollywood Ballroom (Level 3)	Santa Monica B (Level 3)	Santa Monica A (Level 3)
	Moderator: Brad Thompson	Moderator: Kevin Summers	Moderator: Kathryn Boyer	Moderator: Steven Ritchie	Moderator: Deb Willard	Moderator: G. Ronnie Best
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	Panel Session: Large Ecosystem Restoration Program Comparison and Contrast  Troy Constance Louisiana Coastal Area	Kevin Summers - The Relationships among Ecosystem Services, Restoration and Human Well Being and the Construction of an Index of Well-Being	Thomas Moore - A Planner's Perspective on Stream Corridor Restoration	Dilip Trivedi - San Francisco Bay: Its Past, Present, and Prospective Future	G. Lynn Wingard - Paleoeological Tools for Restoration - Setting Performance Measures In South Florida's Estuaries	Billy Johnson - Demonstration of a Physically Based Distributed Watershed Water Quality Model (Galle Watershed, WI)
10:30 - 10:50	Stu Appelbaum Everglades  Mike Olson Missouri River Recovery  Ken Barr Upper Mississippi River	Curtis Tanner - Why Care About Impacts to Natural Systems? Using Ecosystem Functions, Goods, and Services to Scale Changes to Nearshore Ecosystems in Puget Sound	Howard Hankin - Utilizing Farm Bill Conservation Programs to Implement Stream Corridor Restoration Projects on Private Lands	Michelle Orr - The Key Challenges Confronting Habitat Restoration in San Francisco Bay: Are They Manageable?	Akira Tsujimoto - The Effect of Anthropogenic Eutrophication on a Shallow Marine Benthic Ecosystem: Microfossil Records over the Last 200 Years in Osaka Bay, Japan	Kevin O'Donnell - A Hydrologic Event-Based Evaluation of Water Quality Trends in Goodwater Creek Experimental Watershed, Missouri
10:50 - 11:10	Carl Wilcox California Delta  Marci Cook Columbia River	Stephanie Pincetti - Implementing a Nature's Services Infrastructure: The Case of a Million Trees Los Angeles	Stan Gregory - Floodplain Dynamics and Thermal Refuges for Native Fish Communities in the Willamette River	Betsy Wilson - Successes and Lessons Learned in San Pablo Bay Wetland Restoration	Anna Wachnicka - Diatom-Based Assessment of Past Water Quality in Biscayne Bay, Florida	Kenneth Wagner - Phosphorus Inactivation as a Lake Restoration Technique
11:10 - 11:30	Discussion Period: FACILITATOR: David Galat, USGS	Carl Lucero - USDA's Approach to Ecosystem Services and Environmental Markets	Natasha Bankhead - Stream Corridor Modeling Tools for Adaptive Management of the Upper Truckee River, Lake Tahoe, CA	Steve Ritchie - Successes and Lessons Learned in South San Francisco Bay Wetland Restoration	Scott Starratt - Too Cunning to be Understood: The Record of Late Holocene Central California Climate Change from San Francisco Bay Marsh Sediments	William James - Understanding Phosphorus Dynamics and Controls to Better Manage the Turbid Minnesota River System
11:30 - 11:50		Kelly Burks-Copes - Capturing the Human Dimension of Ecosystem Restoration: Using GIS and Multi-Criteria Decision Analysis to Measure Ecosystem Services - the Middle Rio Grande	Richard Zembal - Recovery of an Endangered Bird and Riparian Habitat by Restoration and Management on the Santa Ana River, CA	John Callaway - Biological Diversity in San Francisco Bay and the Effects of Climate Change	Debra Willard - Hydrologic Variability in the Florida Everglades: A Paleoeological Perspective	Mark Krupka - Use of Bioremediation in the Treatment of Natural and Man-made Bodies of Water to Improve Water Quality and Reduction of Organic Sediments
11:50 - 12:10		Mark Judson - Integration of Ecosystem Services into a Decision Support Platform	Casey Burns - Streambank Bioengineering and Riparian Habitat Restoration and Enhancement at Adobe Ranch, Mono County, CA	Peter Downs - Making Urban Ecosystem Restoration Real: Addressing Factors Limiting Threatened Steelhead in the San Francisco Bay Area	Stephen Davis - Restoring Raised Bog in Ireland: Prospects and Paleoenvironmental Perspectives	Shelly Anghera - Contaminated Sediments: The Balance Between a Functioning Ecosystem and the Desire for Contaminant Removal
12:10 - 1:30	LUNCH ON YOUR OWN					

TUESDAY 7/21/09	TUESDAY - JULY 21, 2009 (continued)					
CONCURRENT SESSIONS						
	SESSION 1: Lessons Learned from Restoration Programs at the Watershed Scale	SESSION 2: Measuring Restoration Success: Tools & Partnerships	SESSION 3: River Restoration: Integrating Science and Engineering	SESSION 4: Urban Ecosystem Restoration	SESSION 5: Linking Monitoring Results with Management Decision Making	SESSION 6: Ecological Restoration on Public and Working Lands in the U.S.
	San Jose (Level 2)	Emerald Bay (Level 3)	Avalon Room (Level 3)	Hollywood Ballroom (Level 3)	Santa Monica B (Level 3)	Santa Monica A (Level 3)
	Moderator: Eric Bush	Moderator: Ruth Villalobos	Moderator: Kameran Onley	Moderator: Deborah Lamb	Moderator: Casey Kruse	Moderator: Steve Brady
1:30 - 3:40	Introduction and Overview	Introduction and Overview	Introduction and Overview	Introduction and Overview	Introduction and Overview	Introduction and Overview
1:30 - 1:40	Donald Boesch - Independent Scientific Evaluations of Major Ecosystem Restoration Programs	Shaun McKinney - Water Quality Trading - Providing the Tools to Trade Nutrients	David Galat - Establishing System-Wide Goals and Objectives for Restoring the Upper Mississippi River within an Adaptive Management Framework	Derek Booth - Case Study-Central Arroyo Seco Stream Restoration Near Downtown Los Angeles	Gregory Steyer - Louisiana's Coastwide Reference Monitoring System: Using Web Services to Integrate and Visualize Data to Assess Restoration Effectiveness	Pete Heard - The Role of the Agricultural Wildlife Conservation Center in Ecological Restoration Efforts
1:40 - 2:00	Russell Reed - Contemporary Planning Issues for Large Scale Ecosystem Restoration Programs	S. Kyle McKay - Establishing Metrics for Environmental Benefits Analysis	Brent Knights - Fish Assemblages in Off-Channel Areas of the Upper Mississippi and Illinois Rivers: Implications for Restoration	Timothy Brick - Case Study-Central Arroyo Seco Stream Restoration Near Downtown Los Angeles	Pamela Neubert - West Falmouth Harbor-Baseline Monitoring for Management Decisions and Future Restoration (Cape Cod, Massachusetts)	Wendell Gilgert - The Development and Use of Ecological Site Descriptions for Ecosystem Restoration on Agricultural Working Lands in the US
2:00 - 2:20	Lawrence Skaggs - Applying Lessons Learned in Planning for USACE Ecosystem Restoration Projects: Reasons for Effective Stakeholder Participation	Daniel McGrath - An Estimation of the Social Value of Municipal Government Investment in Natural Capital	Oliver Soong - Coupling of Riparian Tree Recruitment and River Hydrology along a Recently Restored Reach of the Merced River, CA	Brendan Belby - Restoring Floodplain Connectivity and Re-Meandering a River Constrained by Urban Infrastructure: Upper Truckee River in South Lake Tahoe	Craig Fischenich - How Do We Measure Ecological Restoration Success?	William Hohman - Restoration of Biological Functions to Conservation Buffers in Intensive Agriculture Regions of the Upper Midwest
2:20 - 2:40	Chemine Jackels - The Green River Basin Wide Ecosystem Restoration Project : US Army Corps of Engineers - Seattle District	Michele Mahoney - Ecological Revitalization: Turning Contaminated Properties Into Community Assets	Chris Budai - Willamette River Floodplain Restoration Study – Coast Fork and Middle Fork Willamette River Subbasins	Nicholas Garrity - Ballona Wetlands Restoration: Recreating Estuarine Habitats in Los Angeles	Sean Anderson - The Value of Phased, Experimental Approaches to Wetland and Grassland Restoration: Lessons from Southern California to Central Asia	Ellen Starr - Hydrologic Restoration Provides Immediate Benefits for Wetland Dependent Species
2:40 - 3:00	Andreas Krause - A 25-Year Retrospective on Evolving Restoration Construction Philosophies for the Trinity River, CA	Mitch West - National Environmental Information Exchange Network: Sharing Data for Better Watershed Management	Scott McBain - River Corridor Design Considerations to Facilitate Salmon Reintroduction to the San Joaquin River	Kimberly Garvey - Restoring the Colorado Lagoon – The Little Lagoon That Could!	Ondrea Hummel - Evaluating Restoration Success and Applying Adaptive Management in the Middle Rio Grande Bosque	John Pitre - Utilization of USDA Farm Bill Conservation Programs to Restore Bottomland Hardwood Forest Habitat for a Federally Threatened Species in Louisiana
3:00 - 3:20	Nate Nichols - Establishing the Legacy Nature Preserve – Restoration in Urban/Lake Fringe of the Great Salt Lake Ecosystem through Collaborative Planning and Adaptive Management	Lindsay Teunis - Use of Hydrogeomorphic Assessment Method (HGM) and the California Rapid Assessment Method (CRAM) in Guiding Adaptive Management Decisions	Chad Smith - Land, Water, and Adaptive Management - Science and Engineering for Species Recovery on the Platte River	Teresa Doss & Carl Alderson - Analysis and Assessment of Thirty Years of Wetland Restoration within the New York/New Jersey Harbor Estuary	Robert Doren - Ecological Indicators for Assessing Everglades Restoration	Karen Fullen - Restoring Utah Prairie Dogs to Working Lands
3:20 - 3:40	3:40 - 4:10 REFRESHMENT BREAK IN POSTER AND EXHIBIT DISPLAY AREA (Conference Exhibition Hall - Pasadena Room)					
4:10 - 6:00	<p align="center"><b>RESTORATION COFFEE HOUSE (Sacramento/San Francisco)</b>  Ecosystem Restoration Success: Challenges of Coordination and Governance  <b>MODERATOR:</b> Martin Goebel, Director of Sustainable Northwest  <b>PANELISTS:</b> Lynn Scarlett, John Ogden, Barbara Stinson and Don Boesch</p> <p><b>FORMAT:</b> This panel will promote a highly interactive discussion with the audience on ecosystem restoration, partnerships, collaboration and governance issues. <b>Outcome:</b> Identification of (1) governance “models” most likely to support successful, ecosystem-scaled restoration programs (including the range of “tools” that should belong in a governance toolbox), and (2) opportunities for new and/or changing roles by federal, state, tribal, and local governments (including ideas for a national ecosystem program).</p>					
6:00 - 8:00	POSTER SESSION I & RECEPTION (Conference Exhibition Hall - Pasadena Room)					

WEDNESDAY 7/22/09	WEDNESDAY - JULY 22, 2009					
7:00 - 8:00	MORNING REFRESHMENTS IN POSTER & EXHIBIT DISPLAY AREA Poster Session II Poster Presenters to Put Up Displays (Conference Exhibition Hall - Pasadena Room)					
	CONCURRENT SESSIONS					
8:00 - 9:30	SESSION 1: Issues in Dam Decommissioning	SESSION 2: Fish Passage	SESSION 3: Analysis of Historic and Future Change to Inform Ecosystem Restoration	SESSION 4: Urban Ecosystem Restoration	SESSION 5: Federal Conflict Resolution Centers: Managing Everyday Challenges	SESSION 6: International Ecosystem Restoration
	San Jose (Level 2)	Emerald Bay (Level 3)	Avalon Room (Level 3)	Hollywood Ballroom (Level 3)	Santa Monica B (Level 3)	Santa Monica A (Level 3)
	Moderator: Bud Abbott	Moderator: Wendi Goldsmith	Moderator: Charles "Si" Simenstad	Moderator: Patricia Matthews	Moderator: Brian Manwaring	Moderator: Rob Daoust
8:00 - 8:10	Introduction and Overview	Introduction and Overview	Introduction and Overview	Introduction and Overview	Introduction and Overview	Introduction and Overview
8:10 - 8:30	Keith Admire - Issues Respective to the Natural Resources Conservation Service in Decommissioning Dams Pursuant to Public Law 83- 566	Brian Zettle - Restoring Migratory Pathways in the Apalachicola- Chattahoochee-Flint River Basin Through Fish Passage Operations	Gregory Hood - Be Like Janus: The Need for a Two-faced Perspective on Ecosystem Restoration	Leslie Carrere - Urban Forestry Restoration Case Studies – Human Dimensions and Technical Approaches	PANEL SESSION:  <b>Panelists:</b> David Emmerson (DOI)  Patricia Orr (USIECR)  Hal Cardwell (USACE)  Kerry Redican (USACE)	Francisco Zamora-Arroyo - Local and Bi-National Restoration Efforts in the Colorado River Delta in Mexico
8:30 - 8:50	Timothy Randle - Progress on Guidelines for Assessing Physical Dam Removal Impacts	Lee Becker - Acushnet River Fish Passage Restoration Project	Charles Simenstad - Assessing Nearshore Change in Pudget Sound	Mark Tompkins - Restoring Urban Ecosystems: The Trinity River Corridor Program, Dallas, Texas		Greg Eckert- Best Practices for Ecological Restoration in Protected Areas: Foundation for the IUCN Restoration Guidelines
8:50 - 9:10	Jason Weiss - Economic and NED Account Considerations During Dam Decommissioning Plan Formulation	Heather Schwar - Evaluating Fish Passage Effectiveness for Alternatives at the Belvidere Dam (Belvidere, IL)	Aundrea McBride - Fragmentation and Loss of Pocket Estuary Habitat in the Whidbey Basin of Puget Sound	Chris Webb - Fairview Park Wetland Restoration Project		Florentina Zurita - Causes and Impacts of Zula River Pollution: Is it Possible it's Restoration?
9:10-9:30	Jock Conyngham - Frequently Asked Questions in Dam Decommissioning - Guidance for Data Collection, Analytic Needs and Project Implementation	Jason Farmer - Balancing Restoration Goals with Design and Function - The Melvin Price Locks and Dam Fish Passage Project	William Brandau - Restoration Efforts on the Upper Gila: 1918-2009	Rob Sloop - Restoration of Relic Wetlands - In Construction – A Grassroots Vision Finally Realized	DISCUSSION	
9:30 - 9:50	REFRESHMENT BREAK IN POSTER AND EXHIBIT DISPLAY AREA (Conference Exhibition Hall - Pasadena Room)					

WEDNESDAY 7/22/09	WEDNESDAY - JULY 22, 2009 (continued)					
CONCURRENT SESSIONS RESUME						
9:50 - 11:00	SESSION 1: Ecosystem Restoration Program Management	SESSION 2: Wildlife Habitat Restoration	SESSION 3: Missouri River Recovery	SESSION 4: Urban Ecosystem Restoration (continued)	SESSION 5: Predictive Performance Measures	SESSION 6: Linking Monitoring Results with Decision-making
	San Jose (Level 2)	Emerald Bay (Level 3)	Avalon Room (Level 3)	Hollywood Ballroom (Level 3)	Santa Monica B (Level 3)	Santa Monica A (Level 3)
	Moderator: Tony Buitrago	Moderator: Sara Simrell	Moderator: Wayne Nelson-Stastny	Moderator: Scott Bell	Moderator: Tomma Barnes	Moderator: Eric Hughes
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	Mike Rogalski - The Herbert Hoover Dike Major Rehabilitation Project Program Management Strategies and Challenges	Jutta Burger - Scaling up Restoration of Nesting Habitat for Cactus Wrens in Orange County, California	Mike George - Challenges in Building Basin-Wide Consensus on Missouri River Recovery Activities	Timothy Dekker - Integrating Hydrology, Ecology and River Geomorphology into Urban Landscape Design: The Lower Don Lands Naturalization Project	Jed Redwine - Performance Measures are Essential for Planning, Operation and Validation of Landscape Restoration	Eliza Hines - CERP Monitoring and Assessment Plan System Status Reports: The Evolution from 2006-2009
10:20 - 10:40	Karen Tippett - The South Florida Ecosystem Restoration Program Integrated Delivery Schedule	Allison Bremner - Caspian Tern Relocation from the Columbia River Estuary: A Mitigation Strategy for the Recovery of the Endangered Columbia River Salmonids	Suzanne Boltz - Using Adaptive Management to Address Uncertainty in the Management of Missouri River Cottonwoods	Steven Apfelbaum - An Ecologist's Perspective on the Don River Naturalization: Toronto, Canada	Chad Praul - A Restoration Program Planning and Evaluation System: Selecting Performance Measures and Relating Them to Environmental Status	Tisa Shostik - NOAA's Open Rivers Initiative: Effectiveness Monitoring That Supports Decision Making
10:40 - 11:00	Mike George - Missouri River Recovery Program Governance Structure	Peter Frederick - Use of an Unmanned Aircraft System for Monitoring Nesting Responses of Wading Birds to Restoration of the Florida Everglades	Carol Hale - Development of an Adaptive Management (AM) Program to Support Recovery of the Missouri River: Creating Functional Shallow Water and Emergent Sandbar Habitat	Michael Van Valkenburgh - Towards an Ecological Agenda for Landscape Urbanism	Lauren Hastings - Conceptual Models, Monitoring, Assessment and Performance Measures in Support of Adaptive Management in the California Bay-Delta System	Daniel Liebau - Passive Treatment and Adaptive Management: Approaching an Endpoint for Ecosystem Restoration and Watershed Protection at the Buck Mine Discharge Site
11:15 - 8:00	<b>BOARD BUSES FOR OPTIONAL TECHNICAL TRAINING FIELD TRIPS</b> Each Field Trip has an independent Itinerary. Consult your registration packet for bus loading instructions and detailed tour itineraries. Buses for each field trip will depart promptly at the scheduled time. Once buses depart, there are no alternative options for transportation.					
EVENING & DINNER ON YOUR OWN						
THURSDAY 7/23/09	THURSDAY - JULY 23, 2009					
7:30 - 8:30	MORNING REFRESHMENTS IN POSTER & EXHIBIT DISPLAY AREA (Conference Exhibition Hall - Pasadena Room)					
8:30 - 9:30	Plenary Session - Global Climate Change (Sacramento/San Francisco)					
8:30 - 8:35	MODERATOR INTRODUCTION: G. Ronnie Best, US Geological Survey					
8:35 - 9:30	<b>KEYNOTE PRESENTATION: Impacts of Climate Change on Large-scale Ecosystem Restoration</b> <b>Jean Brennan, Senior Climate Change Scientist, Defenders of Wildlife</b>					
9:30 - 10:00	REFRESHMENT BREAK IN POSTER AND EXHIBIT DISPLAY AREA (Conference Exhibition Hall - Pasadena Room)					

THURSDAY 7/23/09	THURSDAY - JULY 23, 2009 (continued)					
CONCURRENT SESSIONS						
	SESSION 1: Impacts of Climate Change on Ecosystem Restoration	SESSION 2: Comparison of Adaptive Management Programs	SESSION 3: Restoration and Rehabilitation in the Mississippi River System	SESSION 4: New Planning Approaches and Methodologies	SESSION 5: Aquatic Habitat Restoration: Integrating Science & Engineering	SESSION 6: Ecosystem Modeling
10:00 - 12:10	San Jose (Level 2)	Emerald Bay (Level 3)	Avalon Room (Level 3)	Hollywood Ballroom (Level 3)	Santa Monica B (Level 3)	Santa Monica A (Level 3)
	<b>Moderator:</b> Don Boesch	<b>Moderator:</b> Tom St. Clair	<b>Moderator:</b> Roger Perk	<b>Moderator:</b> Dave Tipple	<b>Moderator:</b> Cheryl Ulrich	<b>Moderator:</b> Kevin MacKay
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	Denise Reed - Restoring Coastal Ecosystems in the Face of Climate Change: Using What We Know	<b>Panel Session</b> <b>Part 1</b> - Governance and Lessons Learned  <b>Panelists:</b>  Andy Loschiavo - Everglades	Paul DuBoway - Navigation, Flood Management and the Mississippi River Ecosystem	Doug Lamont - Revisions to the Principles and Guidelines – Water Resources Planning for the 21st Century	Andrew Albaugh - NMFS and Ecoinformatics: Using Technology and Databases to Help Restore Endangered and Threatened Salmon Populations	David Gorman - Application of Computer Models for Ecosystem Restoration
10:30 - 10:50	John Henz - Climate Change: Dealing with Potential Impacts on Ecosystem Restoration	Dennis Kubly - Glen Canyon  Chad Smith - Platte River	Marvin Hubbell - Environmental Restoration on the Upper Mississippi River - A Look Back and to the Future at Pioneering Programs	Ana Toline - A Practical Approach for Assessing the Benefits of Innovative Ecosystem Restoration Projects	Noah Hume - Salmonid and Predator Use of Nearshore Habitat Enhancement Features Throughout the Lower Sacramento River Levee System	Tim Hanrahan - Quantifying Large River Habitat Restoration Potential Through Hydrodynamic Modeling and Geomorphologic Analysis
10:50 - 11:10	Jon Porthouse - Achieving Sustainable Ecosystems in the Future: A Framework for Today's Restoration Planning Programs		Marshall Plumley - Illinois River Basin Restoration Program - Comprehensive Plan Lessons Learned	Chuck Padera - The Values Triangle: Balancing the Science, Accountability and Fair Processes	Meagan Montgomery Restoring River-floodplain Connectivity for Fish Spawning and Nursery in the Lower Missouri River: Use of a Constructed Fish Passage Facility	Joel Darnell - Numerical Modeling: A Tool for Urban Conservation and Restoration at Ormond Lagoon
11:10 - 11:30	Glenn Landers - Climate Change Concerns for Everglades Restoration Planning	<b>Panel Session</b> <b>Part 2:</b> Linking Science to Decision Making	Brian Johnson - The Middle Mississippi River Regional Corridor Study - An Example of Collaborative Watershed Planning	Joseph DePinto - Modeling the Relationship between Water Flows/Levels and Ecological Endpoints	Christopher Collins Removal or Enhancement of Piling and Pile Dikes as Potential Habitat Restoration Techniques for Pacific Salmon Recovery	Andrew Casper - Envirofish: A HEC- Compatible Floodplain Habitat Model for Evaluating Mitigation or Restoration Scenarios
11:30 - 11:50	Michael Flaxman and Steve Traxler - Exploring the Consequences of Global Warming on the Greater Everglades: A Stakeholder-based Approach	<b>Panelists:</b>  Matt Harwell - Everglades  Ted Melis - Glen Canyon	Jack Killgore - Restoration of Secondary Channels in the Free- flowing Mississippi River	Herry Utomo - Accomplishments and Challenges in Genetic Enhancement and Aerial Planting Applications for Restoration in Highly Eroded Intertidal Marshes	Mike Dietl - Collaboration and Designing for Endangered Fish Species in a Floodway	Lisa Rabbe - Modeling Cottonwood Habitat and Forecasting Landscape Changes along the Missouri River
11:50 - 12:10	Brian Bergamaschi - A Large-Scale Carbon Biosequestration Demonstration Project in the Sacramento-San Joaquin Delta	Jim Jenniges - Platte River	Barry Johnson - Monitoring on the Upper Mississippi River System: Working Toward Adaptive Management	Jessica Clement - The Role of Place-based Values to Ecosystem Governance in Western U.S.	Sarah Miller - Stability Thresholds and Performance Standards for Stream Restoration Materials and Methods	John Hickey - New Software Tools (HEC- EFM and GeoEFM) for Ecosystem Restoration and Management
12:10 - 1:30	LUNCH ON YOUR OWN					

THURSDAY 7/23/09	THURSDAY - JULY 23, 2009 (continued)					
CONCURRENT SESSIONS						
1:30 - 3:40	SESSION 1: Impacts of Climate Change on Ecosystem Restoration	SESSION 2: Assessing Cumulative Effects of Multiple Restoration Projects on an Ecosystem	SESSION 3: Restoration and Rehabilitation in the Mississippi River System	SESSION 4: Effective Partnering for Setting and Achieving Habitat Conservation Goals	SESSION 5: Coastal Restoration	SESSION 6: SCS/NRCS Watershed Planning and Effects of Upland Conservation on Coastal Ecosystems
	San Jose (Level 2)	Emerald Bay (Level 3)	Avalon Room (Level 3)	Hollywood Ballroom (Level 3)	Santa Monica B (Level 3)	Santa Monica A (Level 3)
	Moderator: Laura Stroup	Moderator: Ron Thom	Moderator: Paul DuBow	Moderator: Sandra Scoggin	Moderator: Dave Tazik	Moderator: Howard Hankin
1:30 - 1:40	Introduction and Overview	Introduction and Overview	Introduction and Overview	Introduction and Overview	Introduction and Overview	Introduction and Overview
1:40 - 2:00	Richard Fischer - Future Habitat and Population Viability of Shoreline dependent Birds in Florida: Assessing Risk and Uncertainty under Climate Change	Gary Johnson - Cumulative Effects Evaluation of Ecosystem Restoration in the Columbia River Estuary	Leighann Gipson - Conservation - The Other Economy	Fred Reid - Effective Partnering for Setting and Achieving Habitat Conservation Goals	Jana Davis - Living Shoreline Restoration: Evaluation of Ecological Benefits and Connections to Policy and Management	Andrew Lipsky - Ridgetop to Reef: Tapping the Potential of the US Farmbill
2:00 - 2:20	Burton Suedel - A Risk-Informed Decision Framework for Hurricane Protection and Coastal Planning	Curtis Roegner - Linking Juvenile Salmon Use to Habitat Restoration	Leighann Gipson - Overview of the Lower Mississippi River Resource Assessment	Beth Huring - The San Francisco Bay Joint Venture	Deborah Shafer - Large-Scale Submerged Aquatic Vegetation Restoration in Chesapeake Bay: 2003-2008	Jan Surface - The Future of the Watershed Approach - Rapid Watershed Assessments
2:20 - 2:40	Tom Kendall - Planning for Future Sea Level Rise in the USACE	Heida Diefenderfer - Evaluation of Synergistic and Linear Processes in the Cumulative Effects of Ecosystem Restoration	Barbara Kleiss - The Utilization of the Mississippi River in the Restoration of Coastal Louisiana	John Brosnan - Partnerships at Work Delivering Cutting-edge Wetland Restoration in North San Francisco Bay Estuary	Anitra Thorhaug - Comparison of Resilience of Restoration of the Seagrass Genus <i>Halodule</i> in Subtropical to Tropical Atlantic, Pacific, Gulf of Mexico and Caribbean	Douglas Helms - Heritage of the SCS Demonstration and Watershed Projects: Lessons for Conservation, Rehabilitation and Restoration Projects
2:40 - 3:00	Jeremy Lowe - Rip-rap or Realignment? Wetland Restoration and Sea Level Rise Adaptation Strategies	Ron Thom - Linking Site Restoration to Ecosystem Recovery: Scaling and Applications of Results from the Columbia River Estuary	Glenn Constant - Atchafalaya River Restoration and Its Role in Coastal Processes	Lorraine Parsons - Using Partnerships to Restore Our National Legacies	Charles Rowney - Regaining Overland Flow: Spreader Canals as an Adaptable and Secure Alternative for Flow Control and Habitat Recovery	Lisa Durlancik - Opportunities to Enhance Conservation Implementation and Watershed Planning: Conservation Effects Assessment Project
3:00 - 3:20	Rudolph Rosen - Building Practical On-the-Ground Responses to the Effect of Climate Change on West Coast Wetlands Restoration and Protection	Catherine Corbett - Preliminary Meta-Analysis of Data from Multiple Monitoring Programs - Effectiveness Monitoring, Reference Sites and Ecosystem Condition	Dave Vigh - Collaboration and Interdependence - Two Keys to Mississippi Valley Regionalization and Partnerships	Renee Spenst - The Role of Ducks Unlimited in Developing Strategic Partnerships for Restoration Planning and Implementation in the San Francisco Bay	Jeffrey Corbino - Coastal Restoration Efforts in Louisiana Using Dredged Material from Federal Navigation Channels	Rosendo Trevino, III - Borderlands Watershed Management: A Collaborative Approach to Resource Management
3:20 - 3:40	Susan Colley - Adaptations of Corals and Coral Reefs to Climate Change	Blaine Ebberts - Adaptive Management of Restoration in the Columbia River Estuary: From the Ecosystem to the Organization	DISCUSSION	Nadav Nur - Guiding Wetland Restoration in the San Francisco Estuary through Monitoring, Evaluation and Research: A Multi-partner Approach	Brannon Ketcham - Returning Natural Hydrologic Process through the Giacomini Wetland Restoration, Tomales Bay, CA	Bob Snieckus - Visualization Techniques for Watershed Planning and Restoration Design
3:40 - 4:10	REFRESHMENT BREAK IN POSTER & EXHIBIT DISPLAY AREA (Conference Exhibition Hall - Pasadena Room)					

THURSDAY - JULY 23, 2009 (continued)						
<b>RESTORATION COFFEE HOUSE (Sacramento/San Francisco)</b>						
"Climate Change: The 800-Pound Gorilla" — This session will focus on emerging challenges relevant to integrating climate change and sea-level rise into large-scale ecosystem restoration.						
MODERATOR: G. Ronnie Best, U.S. Geological Survey						
Jean Brennan, Senior Climate Change Scientist, Defenders of Wildlife; Courtney Hackney, University of North Florida, Jacksonville, FL; Lauren Hastings, CALFED Bay Delta Program; Denise Reed, Department of Geology and Geophysics, University of New Orleans, Laura Stroup, Assistant Professor, Department of Geography, Texas State University-San Marcos and						
Si Simenstad, Research Professor at the School of Aquatic and Fishery Sciences, University of Washington						
4:10 - 5:30						
5:30 - 7:30	POSTER SESSION II & RECEPTION IN POSTER & EXHIBIT DISPLAY AREA (Conference Exhibition Hall - Pasadena Room)					
FRIDAY 7/24/09						
FRIDAY - JULY 24, 2009						
7:00-8:00	MORNING REFRESHMENTS IN POSTER & EXHIBIT DISPLAY AREA (Conference Exhibition Hall - Pasadena Room)					
CONCURRENT SESSIONS						
	SESSION 1: New Planning Approaches for Large-scale Ecosystem Restoration	SESSION 2: Multi-party Stakeholder Involvement	SESSION 3: Habitat Restoration and Enhancement on Working Landscapes	SESSION 4: Chesapeake Bay Ecosystem Restoration	SESSION 5: Desert Aquatic Habitat Restoration	SESSION 6: Ponds and Marsh Restoration
8:00 - 10:30	San Jose (Level 2)	Emerald Bay (Level 3)	Avalon Room (Level 3)	Hollywood Ballroom (Level 3)	Santa Monica B (Level 3)	Santa Monica A (Level 3)
	Moderator: Sara Pauley	Moderator: Beverley Getzen	Moderator: Alyson Aquino	Moderator: Liana Vitali	Moderator: David Koran	Moderator: Greg Shellenbarger
8:00 - 8:10	Introduction and Overview	Introduction and Overview	Introduction and Overview	Introduction and Overview	Introduction and Overview	Introduction and Overview
8:10 - 8:30	Zoey Diggory - Balancing the Uncertainties: Approaches to Large-Scale River Corridor Restoration Planning in a Semi-Arid California Landscape	Dennis Canty - Building a Successful Funding Strategy for Ecosystem Restoration: The Puget Sound Experience	Carlos de la Rosa - Restoring Habitat in an Agricultural System on Catalina Island, CA	Brenton McCloskey - Restoration of the Chesapeake Bay from a Watershed-wide and State-specific Perspective	Robert Andress - Rehabilitation of School Spring, Ash Meadows Nevada to Improve Habitat Quality for Warm Springs Pupfish and Thermal Endemic Invertebrates	Douglas Barnum - Design, Construction and Management of Saline Ponds at the Salton Sea, CA
8:30 - 8:50	Steve Ashby - Planning and Assessment Tools for Watershed Studies	Doris Washington & Jeannette Baker - Partnering for Ecosystem Restoration: NRCS and the U.S. Army Corps of Engineers	Leslie Koenig - Livestock Pond Restoration and Habitat Management for California's Red-legged Frog and Tiger Salamander	Kristen Fleming - Maryland's Ecosystem Enhancement Program - A Better Model for Mitigation	Valer Austin - Stream Restoration	Michael Anderson - The Water Quality, Geochemistry and Physics of Shallow Pond Habitat at the Salton Sea, CA
8:50 - 9:10	John White - Restoration of Coastal Louisiana Wetlands Using Large Surface Water Diversions	Patrick Kelly - Challenges and Opportunities in Restoration of Retired Agricultural Lands in Fresno County, California	Jessica Groves - Wetland Restoration on Private Lands Through NRCS Programs	Jennifer Raulin - Putting Resources to the Level Where the Work Gets Done: Chesapeake Bay Restoration	Boris Poff - Spring Restoration in the Mojave National Preserve	Nicole Athearn - Monitoring to Better Understand Dissolved Oxygen Dynamics in Managed Salt Ponds
9:10-9:30	Kim Gavigan - Virgin River and Tributaries: Watershed and Floodplain Management Strategies	Ann George - Partnerships with Industry to Achieve Ecosystem Restoration	David Hubbard - Restoration of Vernal Pools on Urban Fragments in Coastal Southern California	Lewis Linker - Integrated Chesapeake Bay Computer Models of the Watershed, Airshed, Estuary, Living Resources, and Climate Change	Jack Williams - Potential Impacts of Nevada Groundwater Diversions to Regional Spring Restoration	Cheryl Strong - Biological Considerations in Managed Pond Design for Waterbirds
9:30-9:50	Victoria Lehr - Picayune Strand Restoration Project – Partnering to Achieve Success	Michael Garello - Consensus Based Approaches to Unite Landowners, Irrigators, Special Districts, Resource Agencies and NGO's	Mace Vaughan - Restoring Pollinator Habitat on Agricultural Lands	Lewis Linker - Development and Application of the Chesapeake Bay Program Watershed Model	Carla Scheidlinger - Restoration of Desert Riparian, Wash, and Marsh Wetland Communities Affected by the Lining of the Coachella Canal	Peg McBrien - Restoring Urban Salt Marshes - Ten Years of Lessons Learned
9:50-10:10	Vechere Lampley - Challenges and Opportunities of Implementing Estuary Restoration Act Projects	Ann Bleed - Necessary Measures for Insuring Sustainable Long-term Success of Large-scale Ecosystem Restoration Management Projects	Shea O'Keefe - Restoring the San Dieguito Watershed for Sensitive Species Habitat and the Prevention of Catastrophic Wildfire Using a Multi-entirety Approach	Carl Cerco - Restoring Chesapeake Bay from the Top Down	Kathryn Boyer - The Desert Fish Habitat Partnership: Striving for No More Extinctions	Barry Dubinski - Optimizing Long-Term Ecosystem Success in Freshwater and Saltwater Habitats at the Altas Tack Corporation Superfund Site
10:10 - 10:30	Gregory Biddinger - Natural Land Management: A Property Management Strategy to Enhance Ecological Value	Richard Sparks - Connecting Science, Policy and Projects for Renewal of Rivers: The Great Rivers Partnership - Second Generation	Kevin MacKay - Restoring Physical and Ecological Processes in an Agricultural Setting	P. Soupy Dalyander - Integration of an Individual-Based Fish Bioenergetics Model into a Spatially Explicit Water Quality Model: Chesapeake Bay	DISCUSSION	Wendi Goldsmith - Urban Pond and Marsh Restoration, a Cost-Saving Paradigm
10:30 - 11:00	REFRESHMENT BREAK (San Jose Foyer)					
11:00 - 12 noon	CLOSING PLENARY: Taking NCER to the Next Level - A "National Coalition" for Ecosystem Restoration? (San Jose Room) Tom St. Clair, PBS&J and Cheryl Ulrich, Weston Solutions					
10:00-1:30	Conference Concludes - POSTER DISPLAY REMOVAL & EXHIBITOR MOVE-OUT (Conference Exhibition Hall - Pasadena Room)					