



# First National Conference On Ecosystem Restoration

December 6-10 • 2004 • Orlando • Florida

SUSTAINABLE ECOSYSTEM RESTORATION THROUGH INTEGRATION OF SCIENCE, PLANNING AND POLICY

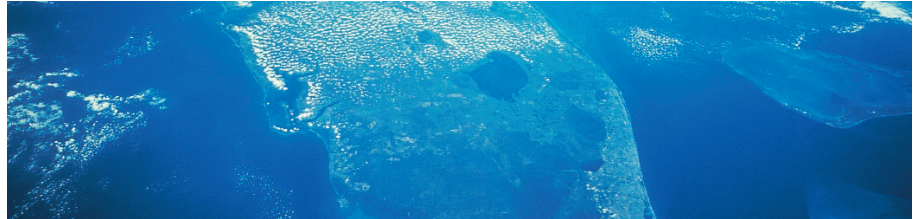
## Conference Purpose & Who Should Attend

The purpose of NCER is to provide a forum for physical, biological, and social scientists, engineers, resource managers, and decision-makers to share their knowledge and research results concerning ecosystem restoration throughout the United States. The public forum will exchange information and "lessons learned" on opportunities for and challenges of achieving restoration.

The conference is designed to bring together scientists, engineers, managers, and policy makers who are actively involved in and/or affected by all aspects of ecosystem restoration. Participants will interact in an interdisciplinary setting to summarize and review state-of-the-art science, planning, and management activities, and to formulate goals and approaches to restoration. This includes federal, state, and local agency personnel, tribal governments, water resource engineers, water resource managers, environmental consultants, environmental policy managers, ecological scientists and researchers, hydrological modelers, students, and environmental interest groups.

## Call for Abstracts

Scientists and managers involved in a restoration effort are strongly encouraged to submit abstracts describing their projects. Abstract submissions will be used to select oral and poster presentations, and ALL abstracts, both oral and poster, will be published in the conference book of abstracts and on CDROM following the conference. Abstracts are due **July 1, 2004** and must be submitted electronically via the conference web site where detailed preparation and submission instructions are posted: [conference.ifas.ufl.edu/ecosystem](http://conference.ifas.ufl.edu/ecosystem)



## Topics

### ▶ Science Synthesis & Scaling

- Ecology and Hydrology Modeling
- Water Quality and Contaminants
- Fish and Wildlife Population Responses
- Restoring Processes Below and Through Barriers
- Integrating Restoration and Water/Land Management Needs

### ▶ Detecting Change Across Scales

- Restoration and Invasive Species
- Effect of Global Change
- Detecting Change
- Interim Objectives for Long-Term Trends
- Performance Measures/Standards
- Indicators
- Trend Analysis
- Sorting Out Natural Variability
- Determining Outcomes

### ▶ Planning Restoration

- Defining "Success" and Setting Objectives
- Conceptual and Quantitative Models
- Landscape Scaling
- Budget Development
- Cost-Benefit Analysis
- Scoping (including interest of stakeholders)

### ▶ Adaptive Management

- Theory to Application
- Risk and Uncertainty

### • Framework for Learning

- Success Stories
- Collaboration
- Engineering for Project Robustness
- Monitoring Program Design
- Coupling Models and Observations
- Breaking Through Restoration Barriers/Opportunities and Limitations

### ▶ Effective Science Communication Within and Beyond Restoration Programs

- Integrating Science Throughout Institutional Structure
- More Effective Communication Tools
- Strategic Input of Science in Management Decisions
- Getting Past Data
- Role and Obligation of Science to Communicate to the Broader Restoration Community

### ▶ National Priorities for Ecosystem Restoration

- National Policies and Programs to Facilitate Restoration
- Lessons Learned from Large Scale Case Studies: Chesapeake Bay, Everglades, CALFED, Great Lakes, Glen Canyon, Louisiana Coastal Area, Puget Sound, Upper Mississippi River
- Synthesis of Lessons Learned



US Army Corps  
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Jacksonville District





## Tentative Agenda

### Sunday, December 5, 2004

#### PM

- Registration Office Open
- Authors to set up poster displays
- Early Bird Networking Social

### Monday, December 6, 2004

#### AM

- Registration
- Pre-conference Specialized Sessions

#### PM

- Opening Plenary Session
- Formal Poster Session & Networking Reception in Poster Display Area

### Tuesday, December 7, 2004

#### AM

- Registration
- Plenary Session/Concurrent Sessions

#### PM

- Plenary Session/Concurrent Sessions
- Formal Poster Session & Networking Reception in Poster Display Area

### Wednesday, December 8, 2004

#### AM

- Registration
- Plenary Session/Concurrent Sessions

#### PM

- Concurrent Sessions
- Evening on Own

### Thursday, December 9, 2004

#### AM

- Registration
- Plenary Session/Concurrent Sessions

#### PM

- Plenary Session/Concurrent Sessions
- Formal Poster Session & Networking Reception in Poster Display Area

### Friday, December 10, 2004

#### AM

- Plenary Session/Concurrent Sessions

#### PM

- Conference Concludes, poster presenters dismantle displays

VISIT OUR WEBSITE

[conference.ifas.ufl.edu/ecosystem](http://conference.ifas.ufl.edu/ecosystem)

## Planning Committee

**Stuart J. Appelbaum**, Chief, RECOVER Branch, US Army Corps of Engineers, Jacksonville, FL

**Nicholas G. Aumen**, National Park Service, Everglades Program Team, c/o A.R.M. Loxahatchee National Wildlife Refuge, Boynton Beach, FL

**G. Ronnie Best**, *Conference Chair*, US Geological Survey Greater Everglades Science Initiative, Pembroke Pines, FL

**Donald F. Boesch**, President, University of Maryland Center for Environmental Science, Cambridge, MD

**Stan Bronson**, Executive Director, Florida Earth Foundation, West Palm Beach, FL

**Michael J. Donahue**, President/CEO, Great Lakes Commission, Ann Arbor, MI

**Dennis B. Fenn**, Center Director, US Geological Survey/BRD Southwest Biological Science Center, Flagstaff, AZ

**Holly Fling**, Graduate Assistant, University of Florida/IFAS, Ft. Lauderdale, FL

**Michael A. Fritz**, Coordinator, Living Resources Subcommittee, Chesapeake Bay Program Office, Annapolis, MD

**David L. Galat**, Fishery Research Biologist and Associate Professor, Department of Fisheries and Wildlife Sciences, US Geological Survey, Cooperative Research Units, Columbia, MO

**Beverley B. Getzen**, Chief, Office of Environmental Policy, US Army Corps of Engineers, Washington, DC

**Barry D. Gold**, Program Officer, Conservation and Science, The David and Lucile Packard Foundation, Los Altos, CA

**Rebecca W. Hamner**, Director, Chesapeake Bay Program Office, Annapolis, MD

**Dan Hayes**, *Conference Co-Chair*, Project Manager, US Army Corps of Engineers, Comprehensive Everglades Restoration Plan (CERP), West Palm Beach, FL

**Samuel N. Luoma**, Senior Research Hydrologist, National Restoration Program, US Geological Survey, Menlo Park, CA

**Jack Manno**, Executive Director, New York Great Lakes Research Consortium and SUNY College of Environmental Science and Forestry, Syracuse, NY

**Frank J. Mazzotti**, *Co-Chair, Local Organizing Committee*, University of Florida/IFAS, Ft. Lauderdale, FL

**John Ogden**, Chief Environmental Scientist, South Florida Water Management District, West Palm Beach, FL

**Stephen D. Parker**, Director, Water Science and Technology Board, Washington, DC

**Denise Reed**, University of New Orleans, Department of Geology and Geophysics, New Orleans, LA

**Thomas W. Richardson**, Director, Coastal and Hydraulics Laboratory, US Army Engineer Research and Development Center, Vicksburg, MS

**Charles Simenstad**, Research Associate Professor & Coordinator, Wetland Ecosystem Team, University of Washington, Seattle, WA

**Tom St. Clair**, Senior Project Manager, Everglades Partners Joint Venture, Jacksonville, FL

**Patricia Strayer, P.E.**, BEM Systems, Inc., Chatam, NJ

**Jim Tate**, Science Advisor to the Secretary of Interior, US Department of the Interior, Washington, DC

**Kim Taylor**, Deputy Director for Science, California Bay Delta Authority, Sacramento, CA

**Robert Twilley**, Director, Center for Ecology & Environmental Technology, University of Louisiana at Lafayette, Lafayette, LA

## Local Organizing Committee

**G. Ronnie Best**, *Conference Chair*, US Geological Survey Greater Everglades Science Initiative, Pembroke Pines, FL

**Stan Bronson**, Executive Director, Florida Earth Foundation, West Palm Beach, FL

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information

**G. Ronnie Best**, *Conference Chair*  
USGS Greater Everglades Science Initiative  
c/o UF/IFAS FLREC; 3205 College Ave  
Fort Lauderdale, FL 33314-7799  
PHONE/CELL: 305 903-5743  
EMAIL: [Ronnie\\_Best@usgs.gov](mailto:Ronnie_Best@usgs.gov)

**Dan Hayes**, *Conference Co-Chair*  
Project Manager, US Army Corps of Engineers,  
Comprehensive Everglades Restoration Plan (CERP)  
1400 Centrepark, Suite 750  
West Palm Beach, FL 33401-7402  
PHONE: 561-683-1577 ext. 12  
EMAIL: [Daniel.J.Hayes@saj02.usace.army.mil](mailto:Daniel.J.Hayes@saj02.usace.army.mil)

**Stan Bronson**, *Sponsorship & Field Trip Organizer*  
Executive Director, Florida Earth Foundation  
3301 Gun Club Road, Mail Stop FEF  
West Palm Beach, FL 33416  
PHONE: 561-682-2059; CELL: 561-281-5081  
EMAIL: [stan@floridaearth.org](mailto:stan@floridaearth.org)

**Beth Miller-Tipton**, *Conference Coordinator*  
University of Florida/IFAS  
Office of Conferences and Institutes (OCI)  
PO Box 110750, Gainesville, FL 32611  
PHONE: 352-392-5930 • FAX: 352-392-9734  
EMAIL: [bmiller-tipton@ifas.ufl.edu](mailto:bmiller-tipton@ifas.ufl.edu)