



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



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

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conference.ifas.ufl.edu/ecosystem



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