

Restoring America's Everglades



– *Recovering Multiple Species* –

Briefing for the Working Group

Coral Springs, Florida

October 18-19, 2007



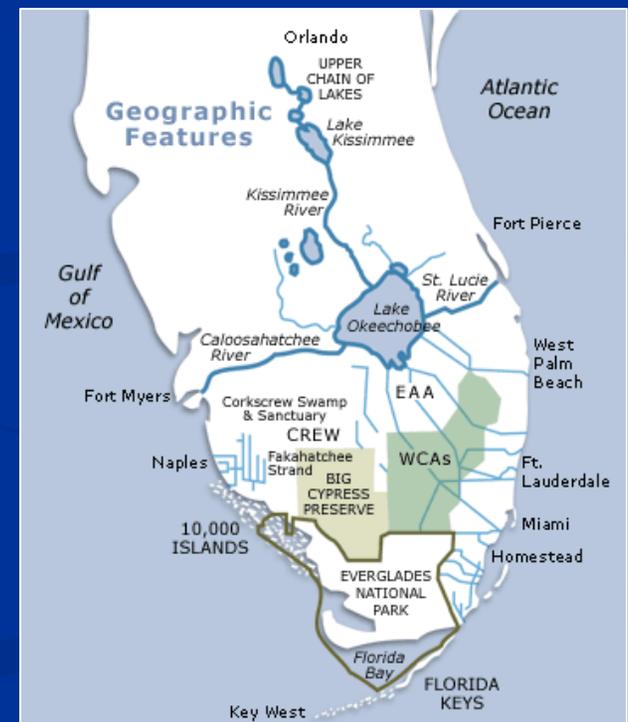
U.S. Fish and Wildlife Service

Restoring America's Everglades – Recovering Multiple Species

Outline of Presentation

Everglades Restoration and Species Recovery Review

- I. Restoration and Recovery Review:
Advancing in the Face of Uncertainty
- II. Panel of Independent Scientists with
Broad Array of Expertise
- III. Avian Ecology Workshop
- IV. Leading Everglades Experts
The Ecosystem, Species, and Hydrology
- V. Next Steps – Deliverables





U.S. Fish and Wildlife Service

Restoring America's Everglades – Recovering Multiple Species

Using the Best Available Science

Avian Ecology Workshop, 2003

- “Strong Indications” Restoration Will Benefit Cape Sable Seaside Sparrow, Snail Kite, Wood Stork, and Roseate Spoonbill
- Uncertainties in Transition to Full Restoration, Especially for Sparrows





U.S. Fish and Wildlife Service

Restoring America's Everglades – Recovering Multiple Species

Restoration and Recovery Review 2007

Sustainable Ecosystems Institute

- The Charge:
Conduct an Independent Review of the Best Available Science
- Key Question:
How to Advance Restoration and Recovery and Address Uncertainty?
- Multi-Faceted Approach:
 - *Create Independent Panel of Scientists*
 - *Open Forum – Species and Hydrology*
 - *Prepare Recommendations – Peer Review*





U.S. Fish and Wildlife Service

Restoring America's Everglades – Recovering Multiple Species

Restoration and Recovery Review 2007

Independent Panel of Scientists

Dr. Barbara Bedford, Cornell University

Dr. Virginia Burkett, USGS National Wetlands
Research Center

Dr. Mike Collopy, University of Nevada

Dr. Scott Derrickson, Smithsonian Institution

Dr. Chris Elphick, University of Connecticut

Dr. Randy Hunt, USGS, Middleton, Wisconsin

Dr. Ken Potter, University of Wisconsin-Madison

Dr. Jim Sedinger, University of Nevada

Dr. Jeff Walters, Virginia Tech



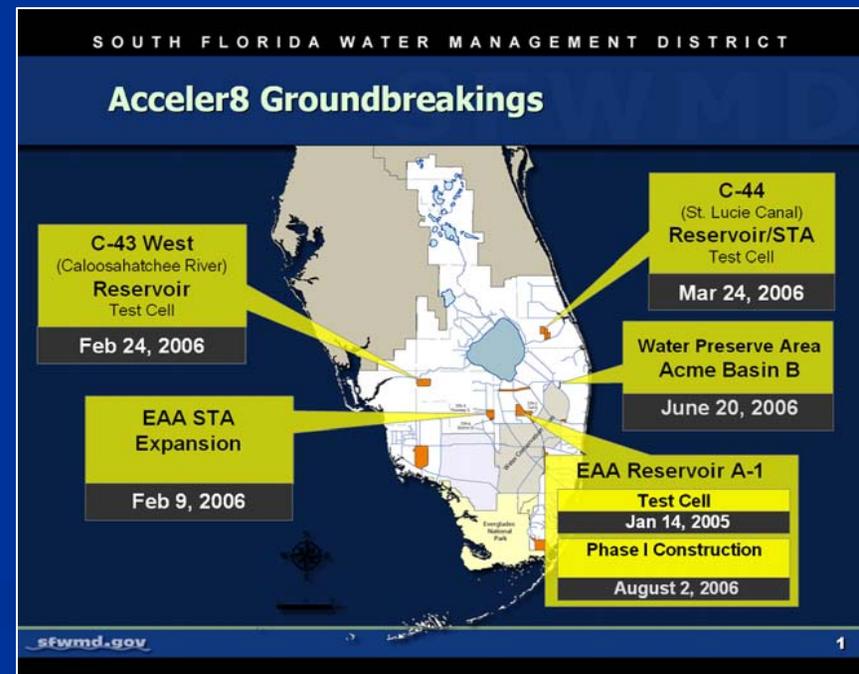


U.S. Fish and Wildlife Service

Restoring America's Everglades – Recovering Multiple Species

Avian Ecology Workshop 2007

- August 13-15, 2007
Florida International University
 - *Restoration Hydrology*
 - *Species Condition and Response to Restoration*
 - *Addressing Uncertainty*
- Public Forum
- 100 People Attended
- Web Cast





U.S. Fish and Wildlife Service

Restoring America's Everglades – Recovering Multiple Species

Avian Ecology Workshop 2007

Presentations by Leaders in the Scientific Community

Rebecca Boulton and Phillip Cassey, Rutgers University

Phil Darby, University of West Florida

Peter Frederick, University of Florida

Dale Gawlik, Florida Atlantic University

Wiley Kitchens, USGS

Jerry Lorenz, Audubon of Florida

Stuart Pimm, Duke University

Will Post, Charleston Museum

Colonel Terry Rice, Miccosukee Tribe

Mike Ross, Florida International University

Jay Sah, Florida International University

...And Many Others...



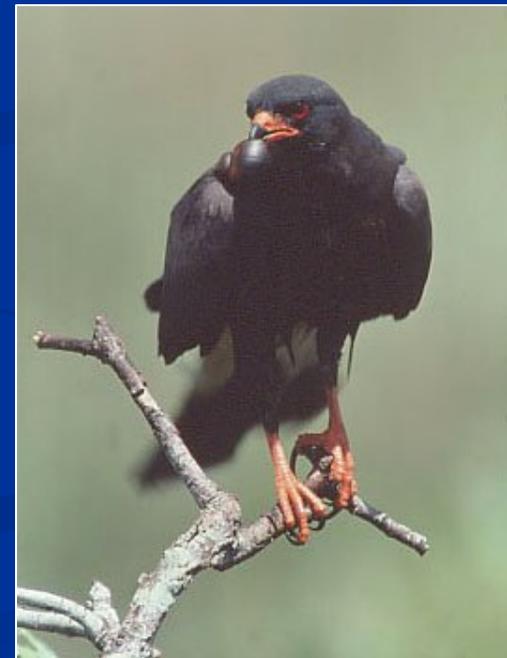


U.S. Fish and Wildlife Service

Restoring America's Everglades – Recovering Multiple Species

Restoration and Recovery Review – Next Steps

- Presentations Available:
<http://www.sei.org/everglades/index.htm>
- Scientific Report – Dec. 2007
- Peer Reviewed Paper – Dec. 2008





U.S. Fish and Wildlife Service

Restoring America's Everglades – Recovering Multiple Species

Take Home Messages

- Maximizing Ecosystem Restoration Is Priority #1
- Proactive Effort to Develop Independent Best Available Science
- Identify Actions Partners Can Take Now and in the Years Ahead to Address Uncertainty

