

SOUTH FLORIDA ECOSYSTEM RESTORATION TASK FORCE  
SCIENCE COORDINATION TEAM  
invites you to participate in our workshop

# Integrating Agricultural and Ecological Solutions in South Florida

*April 28-29, 1999*

Clayton Hutcheson Agricultural Center  
West Palm Beach, Florida

## **WORKSHOP OBJECTIVES:**

To develop an agricultural research plan that will lead to the development of technically sound and economically viable cultivation and tillage methods, plant materials, pest control approaches, agronomic strategies, and water-management practices that will maintain agriculture as a sustainable part of the South Florida landscape, while contributing positively to ecosystem restoration. Some major research objectives to guide this research plan are:

1. Enable agricultural lands to provide important hydrologic functions to adjacent natural ecosystems similar to those that were provided by these same lands prior to their use for agriculture.
2. Enable agricultural lands to provide important hydrological and water quality functions in an integrated landscape of urban, agricultural, and natural areas.
3. Reduce nutrient loads from agricultural areas to downstream receiving waters and marshes.
4. Preserve, accrete, or accumulate organic soils.
5. Create and enhance habitat for native wildlife within the agricultural landscape.
6. Reduce the negative impact of agricultural pesticides released to the environment.
7. Improve the competitiveness of native plants in the nursery industry.
8. Increase agricultural diversity (crops, products, participants).

## **WORKSHOP TECHNICAL REVIEW COMMITTEE:**

**Jan van Schilfgaarde, Chair**

*formerly Associate Deputy Administrator, Natural Resources and Systems, USDA Agricultural Research Service*

**Mike Duever, Project Ecologist**

*Disney Wilderness Preserve, The Nature Conservancy*

**E.T. York, Chancellor Emeritus**

*formerly Vice President for Agriculture, University of Florida*

**David Zilberman, Professor and Chair**

*Department of Agricultural and Resource Economics, University of California, Berkeley*

# AGENDA

## Wednesday, April 28, 1999

### **Importance of this Workshop to the Task Force**

9:00 a.m. Rock Salt, Executive Director,  
South Florida Ecosystem Restoration Task Force

### **Importance of this Workshop to Commercial Agriculture in South Florida**

9:20 a.m. Frank "Sonny" Williamson, President,  
Williamson Cattle Company

### **What is Happening in the Agro-ecological Sciences**

9:40 a.m. MODERATOR: Richard L. Jones  
Dean for Research and Director, Florida  
Agricultural Experiment Station, IFAS,  
University of Florida

### **Agricultural Research in South Dade County**

9:45 a.m. M. Reza Savabi, Research Hydrologist,  
Everglades Agro-hydrology Research Unit, USDA, ARS

10:05 a.m. Break

### **Environmental Research in the Agricultural Landscape**

10:30 a.m. Frank Mazzotti, Associate Professor of Wildlife  
Ecology, Everglades Research and Education  
Center, University of Florida

### **The Social Sciences and Agriculture**

10:50 a.m. Tom Stevens, Post Doc., Food and Resource  
Economics Department, University of Florida

### **The Restudy and Agriculture**

11:10 a.m. Richard Punnett, Hydraulic Engineer,  
U.S. Army Corps of Engineers

11:30 a.m. DISCUSSION: Participants and Speakers

12:00 Noon Lunch, Mounts Botanical Garden

### **What Needs to Happen in the Agro-Ecological Sciences**

1:30 p.m. MODERATOR: Roger Breeze, Area Director,  
South Atlantic Area, USDA, ARS

### **Perspective from the Sugar Cane Growers Cooperative**

1:35 p.m. James M. Shine, Jr, Agricultural Research Manager,  
Sugar Cane Growers Cooperative of Florida

### **Perspective from the Environmental Sciences**

1:55 p.m. Nicholas Aumen, Research Program Director,  
Ecosystem Restoration Department, South Florida  
Water Management District

2:15 p.m. Break

### **Perspective from the Social Sciences**

2:30 p.m. Michael J. Busha, Executive Director,  
Treasure Coast Regional Planning Council

2:50 p.m. DISCUSSION: Participants and Speakers

### **Closing Remarks by Chair of Technical Review Committee, Summary of Day 1 and instructions for Day 2**

3:20 p.m. Jan Van Schilfgaarde, Chair,  
Technical Review Committee

### **Tour of Mounts Botanical Garden**

3:30 p.m. J. Mark Jeter, Director  
Mounts Botanical Garden

## Thursday, April 29, 1999

8:00 a.m. Five concurrent discussion sessions to develop  
science plans that help resolve regional  
agriculture/ecological issues:

- South Dade Agricultural Area
- Everglades Agricultural Area
- Kissimmee Region
- Upper East and Southeast Coast
- Lower West Coast

FACILITATORS: Bob Jones, Florida Conflict  
Resolution Consortium; Stu Langton, CES; and Pat  
Cockrell, Florida Farm Bureau

12:00 Noon Lunch, Mounts Botanical Gardens

1:30 p.m. Plenary Session (reconvene)

3:00 p.m. Adjourn

## REGISTRATION INFORMATION

REGISTRATION IS REQUIRED FOR ALL PARTICIPANTS.

**Register online at the Florida Center for Environmental  
Studies' website: [www.ces.fau.edu/projects/iaw](http://www.ces.fau.edu/projects/iaw)**

Or

Fax the registration form to Florida International University at  
(305) 348-4096

For additional information, call Doreen DiCarlo at CES  
(561) 691-8553 or Oria Solis at FIU (305) 348-3095

## HOTEL ACCOMMODATIONS

The Radisson Suites Inn is offering a group rate of \$75/night.  
Complimentary transportation to and from Palm Beach  
International Airport and Clayton Hutcheson Agricultural  
Center is available. For this special rate, call the Radisson at  
(561) 689-6888 **by April 14, 1999** and refer to our workshop.

## WORKSHOP ORGANIZING COMMITTEE

Joan Browder, NOAA, National Marine Fisheries Service

Essie C. Duffie, NOAA, National Marine Fisheries Service

John Duncelman, Florida Sugar Cane League, Inc.

Mitch Flinchum, UF/IFAS/EREC

Barry Glaz, Chair, USDA-ARS

Carl Goodwin, USGS

Thaddeus Hamilton, USDA-NRCS

Grace Johns, Hazen and Sawyer

Bonnie Kranzer, Governor's Commission  
for a Sustainable South Florida

Karen Mashburn, Friends of the Everglades

Ron Smola, USDA-NRCS

Peter D. Spyke, Arapaho Citrus Management, Inc.

Van Waddill, UF/IFAS/EREC

*Technical and logistical support provided by the  
Florida Center for Environmental Studies*