Florida Exotic Pest Plant Council’s

22nd Annual Symposium

April 30th - May 3rd, 2007  •  Cocoa Beach, FL
Holiday Inn Oceanfront

INVASION

The Florida Exotic Pest Plant Council’s annual symposium provides a forum for the exchange of scientific, educational, and technical information related to the management of invasive exotic plants in Florida’s natural areas.

This preliminary program provides an overview of the upcoming symposium. See details and updated information at www.fleppc.org
Monday, April 30th

Florida EPPC Board of Directors & Task Force Meetings
10:00 AM – 5:00 PM, Egret Room

Symposium Early Registration
3:00 PM – 6:00 PM, Lobby

Evening Social Event
6:00 PM – 9:00 PM, Tiki Lawn

FLEPPC Fishing Tournament
Depart from Main Lobby at 6:00 PM
Pre-registration required. Sign up at the symposium registration desk or check www.FLEPPC.org.

Tuesday, May 1st

Symposium Registration
7:30 AM – 3:00 PM, Ballroom Foyer

Vendor Expo Open
8:00 AM – 5:00 PM, 6:00 PM – 9:00 PM
Manatee Room C & D
Many companies in the invasive plant management industry will be on hand to demonstrate their products and services. Check the final program for the complete list of participating vendors.

Chair’s Welcome Address
8:20 AM – 8:40 AM, Manatee Ballroom
Florida EPPC Chair, Dr. Alison M. Fox

General Session, Manatee Ballroom
8:40 – 9:00 AM Cooperative Weed Management Areas: An approach to making headway in the, ”War on Weeds!” Jim Olivarez

9:00 – 9:20 AM Predicting the distributions of two invasive exotics, Ardisia crenata and A. elliptica (Myrsinaceae). Sarah Braun

9:20 – 9:40 AM Seed bank and regeneration ecology of Scleria lacustris in Florida wetlands. Colette Jacono and Alison M. Fox

9:40 – 10:00 AM Jumpstarting Pinus elliottii var. densa reestablishment in the Hole-in-the-Donut Restoration Area: a historical evaluation and influence of hydroperiod on pine germination and survival. Lauren Serra

10:00 – 10:20 AM Herbicide field trial for downy rose myrtle control. C. Elroy Timmer and Vernon V. Vandiver Jr.

10:20 – 10:40 AM Morning Refreshment Break

10:40 – 11:00 AM Aspects of Japanese climbing fern management in the southeastern United States. Andi van Loan, Eric J. Jokela, and Gregory E. MacDonald

11:00 – 11:20 AM Is it dead yet? An update on the statewide Lygodium surveys. Chris Lockhart

11:20 – 11:40 AM Compatibility of an herbicide treatment of the exotic vine Lygodium microphyllum with hydrologic restoration of a subtropical river floodplain. Lou Toth

11:40 – 12:00 PM Effects of hydrology and applied gibberellic acid and paclobutrazol on the growth of the invasive exotic Lygodium microphyllum (Old World climbing fern). Sonia Gandiaga and John Volin

12:00 – 1:00 PM Lunch

1:00 – 1:20 PM Air Potato (Dioscorea bulbifera) biology and management. Michael Meisenberg

1:20 – 1:40 PM Investigating the determinants of local scale distribution of Ruellia tweediana (Syn. R. brittoniana) in natural areas. Karen Hupp and Alison M. Fox

1:40 – 2:00 PM The impact of invasive plants on the recreational value of Florida’s freshwater and upland natural areas. Santiago Bucaram, Donna Lee, Damian Adams
Allelopathic interactions between wax myrtle (*Myrica cerifera*) and Brazilian peppertree (*Schinus terebinthifolius*). William A. Overholt, Larry T. Markle, Margarita Garcia, and Sharon M. L. Ewe

Baseline map and spectral library of pre-biocontrol *Schinus terebinthifolius* raddi in Florida. Jonathan D. Jordan, William A. Overholt, James P. Cuda

Performance of two candidate biological control agents (*Episimus utilis* and *Pseudophilothrips ichini*) on four Brazilian peppertree genotypes found in Florida. Veronica Manrique, James P. Cuda, William A. Overholt, and Dean Williams


The IFAS Assessment: new additions and comparisons with the FLEPPC list. Crysta Gantz and Alison M. Fox

Twenty years of invasive plant removal—lessons learned at Blowing Rocks Preserve. Michael Renda

Restoration of the Ah-Tah-Thi-Ki Museum cypress dome on the Big Cypress Seminole Indian Reservation through invasive plant removal. Michele Walts and Alyssa Jacobs

Temperature-dependent development, survival and potential distribution of *Ischnodemus variegatus* (Hemiptera: Blissidae), an herbivore of West Indian marsh grass (*Hymenachne amplexicaulis*). Rodrigo Diaz, William A. Overholt, James P. Cuda


WEEDAR: A new tool for weed control data management. Francois LaRoche, Ellen Donlan, and Mary Simmons

Evening Social Event
7:00 – 9:00 PM, Manatee Room C & D
**Wednesday, May 2nd**

**Vendor Expo Open**
8:00 AM – 5:00 PM

**Keynote Address**
8:40 – 9:20 AM, Manatee Ballroom
**Linking science and policy on invasive species.**
Dr. David Lodge, Professor of Biology, University of Notre Dame. Dr. Lodge is a leading researcher in invasion biology who has focused his research on invasive species risk assessment and understanding the interactions of biological invasions and economic forces.

**General Session,** Manatee Ballroom
9:20 – 9:40 AM **Effectiveness of the Australian weed risk assessment in Florida and other regions.** Doria Gordon, Daphne Onderdonk, Alison Fox, and Randall Stocker

9:40 – 10:00 AM **Revising Quarantine 37 regulations to better address the risks associated with the importation of plants for planting.** Barney Caton

10:00 – 10:20 AM **Strategies for integrating invasive exotic plants into large-scale ecosystem restoration programs.** Robert Doren, John Volin, and Jenny Richards

10:20 – 10:40 AM **Morning Refreshment Break**

10:40 – 11:00 AM **The Georeferenced Florida Exotic Pest Plant Council Database.** Sarah Braun

11:00 – 11:20 AM **Early Detection and Distribution Mapping System (EDDMapS) and Florida EPPC.** Charles Bargeron and Christopher Evans

**Risk Assessment Panel Discussion**
11:20 – 12:00 PM, Manatee Ballroom
This 40-minute guided and informal discussion will explore the state-of-the-science in invasive species risk assessment. Facilitated by Randal Stocker

**Field Trips**

**Cape Canaveral Brazilian Pepper Bustin’**
12:30 - 6:00 PM A tour of Cape Canaveral Air Force Station natural areas, including a demonstration of Brazilian pepper control techniques and a discussion on biological controls. Led by Mike Meisenburg and Scott Ditmarsen. Lunch included. Pre-registration required at www.fleppc.org.

**Vegetation Management at Sebastian Inlet and Indian River Lagoon Preserve State Parks**
1:00 - 6:00 PM A half-day excursion to evaluate vegetation management programs at two state parks. Stops will include coastal exotics work and native plant reintroduction efforts. Led by Donna Watkins.

**Lori Wilson Park walking tour and vegetation inventory techniques**
1:30 – 5:30 PM Get hands-on experience collecting invasive plant data with different types of Geographic Positioning System (GPS). Equipment operations will be demonstrated, along with invasive plant ID in a nearby coastal park. Led by Chris Lockhart and Jon Lane.

**Symposium Banquet**
7:00 – 10:00 PM, Tiki Lawn

**Thursday, May 3rd**

**Vendor Expo Open**
8:00 – 12:00 PM, Manatee Room C & D

**General Sessions,** Manatee Ballroom
8:40 – 9:00 AM **Biological control of Brazilian pepper, Chinese tallow, Australian pine, and hydrilla: updates from foreign explorations and preliminary host testing.** Greg Wheeler, Matthew
Thursday, May 3rd  

9:00 – 9:20 AM  Proposed field release of the melaleuca stem-gall fly for biological control of *Melaleuca quinquenervia*, and introduction of the melaleuca clipper weevil into quarantine for host range tests. Susan Wineriter and Ted D. Center

9:20 – 9:40 AM  Developing biological control options for Old World climbing fern (*Lygodium microphyllum*): releases of a biocontrol agent and upcoming plans. Anthony J. Boughton and Bob Pemberton


**FLEPPC Annual Business Meeting**  
10:00 – 10:40 AM, Manatee Ballroom

10:40 – 11:00 AM  Morning Refreshment Break

11:00 – 11:20 AM  FLEPPC – It’s your organization too: Introduction to Committees and Task Groups. Jim Burney


12:00 – 12:20 PM  Does release from natural enemies belowground explain the invasiveness of *Lygodium microphyllum*? A cross continental comparison. John Volin, Eric L. Kruger, Valeria C. Volin, Michael F. Tobin, and Kaoru Kitajima

**22nd Annual Symposium Adjourns**  
12:20 PM

**Natural Area Weed Management Examination**  
1:30 PM – 3:00 PM, Egret Room

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**Hotel Information**

**Holiday Inn Cocoa Beach-Oceanfront**  
1300 North Atlantic Avenue  
Cocoa Beach, FL 32931  
Front Desk: 1-321-783-2271  
Fax: 1-321-784-8878

Driving Directions: From I-95, take the exit for SR528 east to Port Canaveral. At Port Canaveral the road will turn south & automatically changes to SRA1A. The hotel is 7 miles south of Port Canaveral on the left hand side.

- Pre-registration deadline: April 4th
- Attendees who pre-register may pick up their symposium packets at the registration desk.
- With the exception of the annual banquet, meals will not be provided during the symposium.
- For the latest updates on the program, visit our website at [www.fleppc.org](http://www.fleppc.org)
- For information regarding program content, contact LeRoy Rodgers at lrogers@sfwmd.gov
- For registration questions, contact Dianne Owen at dowen@fau.edu