



Applied Management of Conservation Lands in Florida

June 20-22, 2007
Caribe Royale, Orlando

Welcome



Welcome and thank you for joining us at our first conference on Applied Management of Conservation Lands in Florida! This conference is being hosted by the Florida Fish and Wildlife Conservation Commission along with other resource agencies and organizations. The goals for this conference are to provide a forum for the exchange of new ideas, approaches, methods, and pertinent data on applied management of lands held in public trust for conservation and protection. We also want to celebrate the hard work and dedication exhibited by you, the land manager, and the thousand-plus other managers here in Florida who are charged with the long-term care and protection of our public land resources.

As a conference participant, we hope you will interact with speakers, sponsors, and other attendees throughout the program. We also encourage you to provide input during the question and answer sessions, which will be captured for a summary after the conference and posted to our web site www.ces.fau.edu/amclif.

Your input is very important to us. Please take a minute to complete the conference evaluation form and return it to our registration desk to receive your memento.

Enjoy the conference!

Sincerely,

Mike Allen, Florida Fish and Wildlife Conservation Commission

Conference Program Committee:

Mike Allen, Florida Fish and Wildlife Conservation Commission (program chair)

Mark Glisson, Florida Department of Environmental Protection

Bruce Hagedorn, Eglin Air Force Base

Dennis Hardin, Division of Forestry

Bob Heeke, Suwannee River Water Management District

Bill Helfferich, South Florida Water Management District

Erik Johnson, Florida Park Service

Kevin Love, Southwest Florida Water Management District

Tyler Macmillan, Northwest Florida Water Management District

Kevin McIntyre, Jones Ecological Research Center

Steve Miller, St. Johns River Water Management District

Jim Murrian, The Nature Conservancy

Carl Petrick, US Forest Service

Jimmy Roberts, Division of Forestry

Billy Sermons, Florida Fish and Wildlife Conservation Commission

Randy Sleister, Volusia County

George Tanner, University of Florida

To receive recertification and education credits from Florida Division of Forestry and Society of American Foresters visit the conference registration desk.

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Please visit
exhibitors
during the
conference.

Agenda



WEDNESDAY, JUNE 20, 2007

All meetings take place in Grand Ballrooms Sierra G - I

12:45 - 1:45 PM

Conference Facilitator: Mike Allen, Florida Fish and Wildlife Conservation Commission (FFWCC)

Opening/Welcome: Tim Breault, FFWCC

Keynote Speaker: Shane Mahoney, Executive Director, Institute of Biodiversity, Ecosystem Science and Sustainability at Memorial University of Newfoundland and Labrador.

"North Wildlife Model: Implications for Management of Public Lands"

1:45 - 3:05 PM

PRESCRIBED FIRE

Ecological Effects: An overview of the dynamic effects of prescribed fire regimes on ecological processes and their impacts on plant communities. How fire shapes size/age structure, species composition and distribution of plants.

Moderator: Dennis Hardin, Division of Forestry (DOF)

* Bob Mitchell, Jones Ecological Research Center "Fire Effects on Trees and Silviculture"

* Kevin Robertson, Tall Timbers "Fire Effects on Soil"

* Ken Outcalt, US Forest Service (USFS) "Cumulative Effects of Fire Regime on the Understory Community of Coastal Plain Pine Forests"

* Eric Menges, Archbold Biological Station "Effects of Fire on Florida's Rare Plants and Implications for Informed Land Management"

3:05 - 3:20 PM

Refreshment Break

(Grand Ballroom Sierra F)

3:20 - 4:00 PM

Tools for Prescribed Burning: A look at the latest tools, technology and improved products to enhance prescribed burning safety and efficacy including the use of internet-based, computer technology and fire weather forecasting; what's new, what works and how to apply it.

Moderator: Steve Miller, St. Johns River Water Management District

* Rosi Mulholland, Florida Park Service "New Gadgets and Weather Tools"

* Deborah Hanley, Division of Forestry (DOF) "Smoke Management Tracking Tools"

4:00 - 5:20 PM

Approaches to Prescribed Burning: Review of training resources, methods of managing liability associated with prescribed burning, legal considerations, and a case study/evaluation of contract burning on conservation lands.

Moderator: Scott Sanders, FFWCC

* Doug Williams, Wildlands Fire Service "Contracting vs. Internal Agency"

* Tyler Macmillan, Northwest Florida Water Management District "Constructing a Contract for Prescribed Burning"

* Walt Thomson, The Nature Conservancy "Implementing Prescribed Fire Programs: What are the Risks"

* Steve Miller, St. Johns River Water Management District (SJRWMD) "Using Seasonal Contractors to Augment Prescribed Burning Capability"

5:20 - 5:50 PM

Prescribed Fire Q&A

Moderator: Dennis Hardin, DOF

5:50 - 7:00 PM

"Toys and Us" Reception & Outside Equipment Display

(North Pavillion Outside Sierra F)

Agenda



THURSDAY, JUNE 21, 2007

All meetings take place in Grand Ballrooms Sierra G - I

7:15 - 8:15 AM **Light Breakfast (included)** (Grand Ballroom Sierra F)

8:15 - 8:45 AM Mark Glisson, DEP State Lands "Land Management in Florida, Changes Through the Decades"

8:45 - 9:45 AM

VEGETATION MANAGEMENT

Practical application of herbicides, biological controls, and machinery for vegetation management objectives:

A series of case studies evaluating the application of chemical and mechanical treatments to mimic natural disturbances, control invasive plants and efficiently achieve desirable results.

Moderator: Carl Petrick, US Forest Service

- * James Cuda, University of Florida (UF) "Biological Control and Vegetation Management"
- * Jeff Hutchinson, University of Florida (UF) "Evaluation of Aerial Herbicide Application for Reduction of Woody Vegetation in a Herbaceous Marsh."
- * Bert Trammell, South Florida Water Management District's DuPuis Reserve "Implementing Structural Change in South Florida Flatwoods"
- * Eric Menges, Archbold Biological Station "Review of Mechanical, Herbicide, and Fire Effects for Restoration of Long-unburned Florida Uplands"

9:45 - 10:15 AM **Refreshment Break** (Grand Ballroom Sierra F)

10:15 - 10:55 AM **Practical application of herbicides and machinery for vegetation management objectives.**

- * Randy Sleister, Volusia County "Mechanical Management of Scrub in Volusia County"
- * Janet Hinchee, Seminole Ranger District "Past and Evolving Use of Roller Drum Chopping on the Ocala National Forest"

10:55 - 11:55 AM **Ecological Forestry & Silviculture:** Site sensitive forestry used as an ecological tool to rejuvenate woodlands, stimulate ground cover, and protect fragile features while minimizing post-harvest clean-up and repair.

Moderator: Steve Jennings, DOF

- * Bob Simons, Consultant "Forestry With Wildlife"
- * Eric Jokela, UF School of Forest Resources "Development of Uneven-aged Structure in Southern Pine Stands: Conversion Opportunities Using Even-aged Stands in Florida"
- * Rhett Johnson, Longleaf Alliance "Regeneration Options for Longleaf Pine"

12:00 - 1:30 PM **Lunch (included)** (Grand Ballroom Sierra E)

1:30 - 2:10 PM **Ecological Forestry & Silviculture**

- * Steve Jack, Jones Ecological Center "Preserving Conservation Values: Operational Considerations to Minimize Impacts"
- * Jimmy Roberts, DOF "Division of Forestry Other Public Lands Program"

2:10 - 2:50 PM **Ground Cover Restoration:** A-B-Cs for restoring agriculturally disturbed lands to conditions more representative of natural plant communities; new techniques for eradicating pasture grasses, collecting native seed stock, and preparing and planting native seed on lands slated for restoration.

Moderator: Bill Helfferich, South Florida Water Management District (SFWMD)

- * Stefanie Nagid, FFWCC "In the Beginning, There was Planning"
- * Jean McCollom, FFWCC "Groundcover Restoration at Okaloacoochee Slough Wildlife Management Area, Hendry County, Project Overview"

Agenda



THURSDAY, JUNE 21, 2007

All meetings take place in Grand Ballrooms Sierra G - I

- 2:50 - 3:15 PM** **Refreshment Break** (Grand Ballroom Sierra F)
- 3:20 - 4:20 PM** **Ground Cover Restoration**
* Chris Matson, Disney Wilderness Preserve "Techniques and Their Consequences Related to Bahiagrass Removal"
* Mark Atwater, Weed Control Unlimited, Inc. "Herbicide Application Techniques for Control of Cogon Grass and Noxious Pasture Grasses Such As Bahia and Bermuda"
* Mary Barnwell, SWFWMD "Groundcover Restoration From Start to Finish"
- 4:20 - 4:50 PM** **Vegetation Management Needs Assessment Q&A**
Moderator: Bill Helfferich, SFWMD
- 7:00 - 9:00 PM** **Casual Dinner and Entertainment** (Poolside Weather Permitting or Martinique Ballroom)
by Grant Livingston and Mindy Simmons
(included)

FRIDAY, JUNE 22, 2007

All meetings take place in Grand Ballrooms Sierra G - I

- 7:15 - 8:15 AM** **Light Breakfast (included)** (Grand Ballroom Sierra F)
- 8:15 - 8:45 AM** **MONITORING AND INFORMATION TECHNOLOGY**
Doria Gordon, The Nature Conservancy "Fundamentals of Vegetation Monitoring"
- 8:45 - 9:25 AM** **Prescribed Fire:** Fire frequency, intensity, and seasonality are major driving factors that help shape plant community structure and composition. Various approaches for quantifying and monitoring the effects of prescribing burn programs on conservation lands will be discussed.
Moderator: Jim Murrian, The Nature Conservancy (TNC)
* Jim Cox, Tall Timbers "Monitoring Prescribed Burning on Public Lands in Florida"
* Zachary Prusak, The Nature Conservancy "The Nature Conservancy's Fire Monitoring Protocol in Florida"
- 9:25 - 9:45 AM** **Refreshment Break** (Grand Ballroom Sierra F)
- 9:45 - 10:45 AM** **Adaptive Management:** How important is monitoring vegetation responses to specific management treatments? Experts discuss experimental design, statistical validity, and the cost-benefits of initiating a vegetation monitoring program.
Moderator: Jim Murrian, TNC
* George Tanner, University of Florida "Adaptive Management on Eglin Air Force Base"
* Kathleen Swanson, FFWCC "Objective-based Vegetation Monitoring"
* Ray Mojica, Brevard County "Photo-monitoring in a Digital World"
- 10:45 - 11:15 AM** **Monitoring and Information Technology Q&A**
Moderator: Jim Murrian, TNC

Map



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