

Conference Website

Details about registration, travel arrangements, and other aspects of the symposium and field trip may be viewed at the symposium website:

www.eucalyptusenvironmental.org.

Accommodations

A block of rooms has been reserved at the Francis Marion Hotel, 387 King Street, Charleston, South Carolina 29403. For reservations, please contact the hotel directly by January 22 (1-843-722-0600 or 1-877-756-2121) and mention “Eucalyptus” or “NCASI” to receive a room rate of \$139. A government rate is also available upon request for agency employees.

Continuing Education Credit

Symposium attendees are eligible for 15.5 hours of Category 1 Continuing Forestry Education Credit from the Society of American Foresters.

Posters

All oral presentations have been invited but a call for posters has been extended and may be viewed at the symposium website.

Field Trip

A ½-day field trip on February 24 will feature visits to local Eucalyptus plantings and research projects.

Registration Fees

Registration, which is required, includes two breakfasts and luncheons and a reception.

Early Registration (by January 15)

- Symposium only (Feb 22-23) \$225
- Field trip only (Feb 24) \$40
- Symposium and Field Trip \$265

Registration after January 15

- Symposium only (Feb 22-23) \$325
- Field trip only (Feb 24) \$50
- Symposium and Field Trip \$375

Cancellation Policy

There are no refunds of registration fees after February 8, 2012. Refunds of registration fees minus a \$35 processing fee will be made for cancellation requests received in writing by Feb 8.

For assistance with meeting registration, contact:

Ms. Tracy Stubbs
(352) 331-1745, ext. 221
tstubbs@src-ncasi.org

For additional information about the program, contact:

Dr. Eric Vance
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evance@ncasi.org
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Symposium on the Assessment and Management of Environmental Issues Related to Eucalyptus Culture in the Southern United States



Photo credit: Siddharthan Rajaraman

**Co-sponsored by the National
Council for Air and Stream
Improvement, Inc. (NCASI) and
the USDA Forest Service
Southern Research Station**

February 22-24, 2012

**Francis Marion Hotel
Charleston, South Carolina**

www.eucalyptusenvironmental.org

Symposium on the Assessment and Management of Environmental Issues Related to Eucalyptus Culture in the Southern United States

Co-sponsored by National Council for Air and Stream Improvement, Inc. (NCASI) and USDA Forest Service Southern Research Station

Francis Marion Hotel, Charleston, South Carolina

Symposium on February 22-23, 2012 and Field Trip on February 24, 2012

Symposium Agenda (February 22-23, 2012)

Plenary Session

Welcome and Meeting Logistics

Eric D. Vance, NCASI

The Potential for Eucalyptus to Meet Wood Demand in the United States

Christine A. Dean, Weyerhaeuser Co.

Eucalyptus Research and Culture in the United States: A Historical Perspective *Robert C. Kellison, North Carolina State University and Donald L. Rockwood, University of Florida*

Recent Developments in Eucalyptus Culture *José Luiz Stape, North Carolina State University*

Invasiveness Session

Moderator: José Luiz Stape, North Carolina State University

Assessing the Invasive Potential of Eucalyptus in the United States using the Australian Weed Risk Assessment System *Doria R. Gordon, The Nature Conservancy*

Invasiveness of Native Forest Fragments by Eucalyptus in Brazil

Paulo Henrique Muller da Silva, Instituto de Pesquisas e Estudos Florestais

Invasiveness of Eucalyptus in Chile

Rafael Rubilar, Universidad de Concepción

Eucalyptus and its Potential for Invasiveness in Cold Climates

Nicolas Nguyen The, Institut Technologique FCBA

The Potential for Invasiveness of Eucalyptus in the Southern U.S.: A Summary of the Literature *Craig Loehle, NCASI*

A Survey of Eucalyptus Plantings in the Southern U.S. to Assess Invasive Behavior *Mac A. Callaham, Jr., USDA Forest Service*

Fire Risk Session

Moderator: Kier Klepzig, USDA Forest Service

Fire Risk Associated with Eucalyptus Culture: A Literature Review *John A. Stanturf, USDA Forest Service*

A Model of Potential Changes in Wildfire Risk from Eucalyptus Plantings in the U.S. South *Scott L. Goodrick, USDA Forest Service*

Biodiversity Session

Moderator: Michael A. Blazier, Louisiana State University

Environmental and Socioeconomic Indicators for Bioenergy Sustainability as Applied to Eucalyptus *Virginia H. Dale and Matthew Langholtz, Oak Ridge National Laboratory*

A Meta-analysis of Bird and Mammal Response to Short-rotation Woody Crops *Samuel K. Riffell, Mississippi State University; and other authors*

Eucalyptus Plantations and Biodiversity in Hawaii *Christian Giardina, USDA Forest Service*

Addressing Biodiversity Challenges Related to Eucalyptus Culture in Brazil *Miguel Calmon, The Nature Conservancy*

Water Use and Quality Session

Moderator: William S. Dvorak, North Carolina State University

Potential Watershed Responses to Eucalyptus Culture in the US

James M. Vose, USDA Forest Service

Hydrology Studies of Eucalyptus in Brazil *Walter de Paula Lima, University of São Paulo; and other authors*

Root Development and Water Use in *Eucalyptus grandis* Plantations Established on Deep Oxisols *Jean-Paul Laclau, CIRAD and University of São Paulo; and other authors*

Eucalyptus Plantations and Water Use: The Australian Experience

Leon J. Bren, University of Melbourne

Eucalyptus and Water Use in South Africa *Janine Albaugh, North Carolina State University and Peter Dye, University of the Witwatersrand*

Research Methods to Determine the Hydrology and Water Quality Impacts of Eucalyptus Production in the Southern US *George M. Cheschier, North Carolina State University and Robert E. Bilby, Weyerhaeuser Company*

Panel Discussion

Moderator John A. Stanturf, USDA Forest Service

Information Needs and Management Approaches for Environmental Issues *Barry Goldfarb, North Carolina State University; Matias Kirst, University of Florida; Thomas R. Fox, Virginia Tech*