You are also invited to attend the

NCASI Southern Regional Meeting Forestry Session

July 14, 8:00 AM – 5:00 PM

Environmental Aspects of Silvicultural Chemicals in Intensive Forestry Systems

Registration Fees

- Symposium only (July 12-13): $100
- NCASI Forestry Session only (July 14): $75
- Symposium and Forestry Session: $150

Accommodations

A block of rooms has been reserved at the Chateau Sonesta Hotel in New Orleans. For reservations, please contact the hotel directly and mention NCASI to receive a room rate of $89.

Chateau Sonesta Hotel
800 Iberville Street
New Orleans, LA 70112
(504) 586-0800

Continuing Education Credit

Symposium attendees are eligible for 10 hours of Category 1 Continuing Forestry Education Credit from the Society of American Foresters.

For meeting registration, contact:

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NCASI Southern Regional Center
402 SW 140th Terrace
Newberry, FL 32669-3000
Phone (352) 331-1745, ext. 221
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For additional program information, contact:

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Long-Term Site Productivity of Loblolly Pine Plantations in the Southern United States

Symposium

co-sponsored by the National Council for Air and Stream Improvement (NCASI) and the USDA Forest Service

July 12-13, 2004

Chateau Sonesta Hotel
New Orleans, Louisiana

Long-Term Site Productivity of Loblolly Pine Plantations in the Southern United States

A symposium co-sponsored by NCASI and the USDA Forest Service
Co-hosted with the Louisiana State University AgCenter and North Carolina State University

July 12-13, 2004 • Chateau Sonesta Hotel, New Orleans, Louisiana

Is the productivity of intensively managed southern pine plantations sustainable? This symposium will feature leading forest scientists to report on and synthesize information from long-term site productivity studies across the South.

Monday, July 12

1:00 PM – 5:30 PM

KEYNOTE ADDRESS by Dr. J. Clive Carlyle, CSIRO

- *Milestones and Millstones: A Retrospective on 50 Years of Research to Improve Productivity in Loblolly Pine Plantations*
  Mason C. Carter, Colorado State University; C. Darwin Foster, Texas A&M University
- *Heterogeneity of Physical and Chemical Properties in Forest Soils: Effects on Site Productivity and the Potential Impacts of Forest Management*
  Thomas R. Fox, Virginia Polytechnic Institute and State University
- *Integrating Soil Controls on Root Growth into Site Assessment*
  Lawrence A. Morris, University of Georgia
- *Managing Productivity on Upland Sites: A Review of Forest Nutrition Cooperative Studies*
  H. Lee Allen, North Carolina State University and The Forest Nutrition Cooperative

RECEPTION at 6:30 PM

Keynote Address: "Challenges in Understanding the Impact of Intensive Management on Nutrient Availability and Long-Term Productivity: The Experience with Nitrogen and Radiata Pine in Southern Australia" *by Dr. J. Clive Carlyle, Director, Growing Plantations, CSIRO Forestry and Forest Products, Mt. Gambier, Australia*

Tuesday, July 13

MORNING SESSION 8:00 AM – Noon

- *Nutrient Dynamics for a Chronosequence of Loblolly Pine Stands Receiving Fertilization and Competition Control*
  Rodney E. Will, Daniel Markewitz, Ronald L. Hendrick, University of Georgia; Dean F. Meason, University of Hawaii; Tracy R. Crocker, Duke University; Bruce Borders, University of Georgia
- *Sustainable Productivity in the South as Affected by Site Organic Matter and Soil Porosity: Ten Years into the LTSP Experiment*
  Felipe Sanchez, D. Andrew Scott, Kim H. Ludouici, USDA Forest Service
- *Pine Plantation Response to Harvest Residue Removal and Soil Tillage: A 20-Year Experiment*
  James A. Burger, Virginia Polytechnic Institute and State University; Michael P. Cerchiaro, Rayonier; D. Andrew Scott, USDA Forest Service
- *Effects of Industrial Forest Regeneration Practices on Height Accumulation in Loblolly Pine Prior to Canopy Closure*
  Thomas J. Dean, Minyi Zhou, Louisiana State University AgCenter; Ray A. Newbold, Louisiana Tech University; D. Andrew Scott, USDA Forest Service
- *Pine Response and Soil Nutrient Changes to Mid-Rotation After Early Intensive Vegetation Management: The Competition Omission Monitoring Project (COMP)*
  James H. Miller, USDA Forest Service; Shepard M. Zedaker, Virginia Polytechnic Institute and State University; Ray A. Newbold, Louisiana Tech University

AFTERNOON SESSION 1:30 PM – 4:30 PM

- *Expanding Site Productivity Research to Multiple Alternative Forest Functions*
  D. Andrew Scott and Barbara S. Crane, USDA Forest Service; James A. Burger, Virginia Tech
- *Performance of Improved Genotypes of Loblolly Pine Across Different Soils, Climates, and Silvicultural Inputs*
  Steven E. McKeand, North Carolina State University; Eric J. Jokela, University of Florida; Thomas D. Byram, Texas Forest Service and Texas A&M University; Bailian Li and Timothy J. Mullen, North Carolina State University
- *Synthesis of Key Questions and Answers from Long-Term Studies and their Implications for Intensive Management*
  Eric D. Vance, NCASI; Thomas R. Fox, Virginia Tech
- *USDA Forest Service Site Productivity Research: A Discussion of Current Work and Future Needs*
  Bryce Stokes and Marilyn A. Buford, USDA Forest Service