

About the Workshop

There has been unprecedented interest in renewable energy the last several years due to factors such as increasing energy prices, environmental concerns, and national security. Although there have been previous surges in interest in renewables, interest eventually waned without any large-scale adoption of renewable-based energy. Now, with sustained high energy costs and the additional impact of Federal and state incentives and legislation, wood-using energy projects are rapidly being planned and constructed in North Carolina creating demand for woody biomass. Attendees will be presented with an overview of all forest product aspects of this rapidly emerging North Carolina market.

The workshop will focus on the role of field practitioners including foresters and loggers in helping develop wood-based energy as a sustainable forest products industry. It will include classroom instruction and a field tour of biomass harvesting operations and a wood-using energy plant.

Specific topics include:

- a discussion of the types of fuels being used and who is using them;
- estimates of how much woody biomass can be produced sustainably, and where it can be produced;
- a discussion of related incentives and legislation;
- the potential role of dedicated wood energy crops;
- impacts and opportunities for forestry;
- harvesting systems; a discussion of environmental issues; the relationship with emerging carbon markets.

Who Should Attend

This workshop will be valuable to all who are responsible for managing forestland and producing raw products from the forests including foresters, other land managers, and loggers.

Accreditation

The first day of the workshop will convey 6.0 Category 1-CF credit hours, and the field trip days will be worth 3.5 Category 1-CF credit hours from Society of American Foresters.

Workshop Location

Wednesday, September 17, 2008

NC Division of Forest Resources, Region One Headquarters located at 2958 Rouse Road Extension in Kinston, NC 28504-7320.

Call to inquire about economical overnight lodging options at (252) 520-2402.

Thursday, September 18, 2008

Attendees meet at the NC DFR and take vans to visit a local biomass harvesting site and concluding with a tour of Craven Wood Energy.

Workshop Topical Agenda

Day 1 8:30 am to 5:00 pm

- Why the surge of interest?
- What is "woody biomass"?
- How is it used to make energy?
- How much resource do we have?
- How much of biomass is already being used
- Who is using it?
- Pellet mills, markets, traditional forest products
- Combined heat and power applications
- Current and potential legislation and incentives
- How is it woody biomass currently produced?
- What are energy crops and will they come?
- Other current or developing harvest systems
- Emerging technologies for processing on site
- Forest benefits from harvesting woody biomass
- Are there environmental concerns?
- Emerging carbon and energy markets
- Contract considerations

Day 2 8:30 am to 3:00 pm

- Load vans and travel to harvesting site
- Visit Craven County Wood Energy
- Return to NC DFR in Kinston, NC

What is Woody Biomass Energy and What Will it Mean to Forestry in North Carolina?

September 17-18, 2008
Kinston, NC

Registration Deadline - Sept. 12, 2008

On-line registration with credit card:
www.ncsu-feop.org

Check the fee that applies:

- Full Workshop: \$95.00
 Single day (either): \$55.00 Please indicate below:
 9/17 Workshop day 9/18 Field Tour day

Fees include refreshments and lunches on both days, all distributed educational materials, and transportation to and from the field tour sites. Lodging is not included in the registration fee.

Make checks payable to "NC State University" and mail or fax to address at bottom of form.

Name above (one person per form, please)

Organization

Address

City/State/Zip code

Phone

Fax

Email

MasterCard or Visa card number

Expiration date

Verification code (back of card)

Your signature above approving charge for registration fee.

Mail or fax registration to:

NCSU - FEOP
Campus Box 8008
Raleigh, NC 27695-8008
Phone: 919-515-9563 Fax: 919-515-6883

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Regional Forestry Professionals Meetings

September 17-18, 2008
Kinston, NC



Sponsors:

NC State University Dept. of Forestry and
Environmental Resources
NC Cooperative Extension
NC Division of Forest Resources
NC Association of Professional Loggers
Forestry and Environmental Outreach
Program (FEOP)
Southern Forestry Research Partnership
Southern Regional Extension Forestry
NC Woodlands
North Carolina Forestry Association

Workshop Instructors

- Robert Bardon, Extension Specialist/Dept. Extension Leader, NCSU Department of Forestry and Environmental Resources.
- Joe Denig, Extension Specialist/Department Extension Leader, NCSU Department of Wood and Paper Science.
- Doug Duncan, Executive Director, North Carolina Association of Professional Loggers.
- Dennis Hazel, Extension Specialist, NCSU Department of Forestry and Environmental Resources.
- Alex Hobbs, Associate Director, NC Solar Center.
- Chris Hopkins, Outreach Associate, NCSU Department of Forestry and Environmental Resources.
- Michael Mann, Utilization Forester with the North Carolina Division of Forest Resources.
- Will McDow, Environmental Defense Fund in Raleigh
- Steve McKeand, Professor and Director of the Tree Improvement Program, NCSU Department of Forestry and Environmental Resources.
- Mark Megalos, Extension Specialist with the NCSU Department of Forestry and Environmental Resources.
- Barry New, Technical Development Group, North Carolina Division of Forest Resources.
- Matt Veal, Extension Specialist, NCSU Department of Biological and Agricultural Engineering.

**Don't miss the BIG
Biomass Conference:**

**September 21-23, 2008
Biomass-South2008
Raleigh, NC**

www.ncsu.edu/feop/biomass-south/2008.html