

Emissions and Health Impacts of Biomass Combustion

Penn State Bioenergy Short Course Series 2010

One Day Short Course
Penn Stater Hotel and
Conference Center
20 May, 2010



OVERVIEW:

While biomass combustion provides renewable, locally produced, low carbon fuel for our nation, concerns have arisen as to whether or not it is safe, from an air quality and health standpoint, to burn wood and other solid biomass fuels for heat, power, and electricity. How much pollution does biomass combustion cause? What are the health risks? What kinds of policies and programs should we be implementing? What should we be doing about older, existing equipment, as opposed to new devices?

This short course will explore these and related questions as national experts in air pollution, health, and policy come together to “start the dialogue” on this important issue that has bearing on the future of biomass energy as well as the health of the nation.

WHO SHOULD ATTEND:

This workshop is ideally suited for policy makers and government officials who are interested in learning more on this topic and engaging in a dialogue towards a goal of healthy, sustainable energy. Equipment manufacturers and project developers should also plan on attending, and gaining valuable insight on new developments in this area.

SPEAKERS:

We are pleased to have some of the state and nation’s top experts in biomass combustion and emissions speaking at this event. This is an outstanding opportunity to interact with leaders in the field and gain real understanding about what can sometimes be a complex topic. Speakers include:

Tom Richard, Penn State
Luke Naeher, University of Georgia
Juky Zelikoff, New York University
Jeff Yanosky, Penn State Hershey Medical Center
John Slade, All4 Inc.
Bill Schrock, US Environmental Protection Agency
Stan Harding, NS Harding Associates
Sam Kumar, Babcock and Wilcox

TOPICS:

The day’s program will be divided into four areas:

- Biomass combustion emissions – what they are and how they behave
- Health effects and public health impacts of biomass combustion emissions
- Mitigation strategies and equipment
- Policies and programs for sustainability

The event will include a mix of presentations and roundtable discussions, allowing attendees to engage the expert speakers and network with other participants.

REGISTRATION:

Register online at

<http://www.bioenergy.psu.edu/shortcourses.asp>

EARLY REGISTRATION (up to May 4) is \$75, and includes a buffet lunch. After May 4th, the price jumps to \$100. Registrations close May 12th.

State and local government officials are eligible for a heavily discounted rate of only \$15 (up to May 4), \$40 (after May 4), thanks to sponsorship by the Penn State BioEnergy Bridge through a grant from the Richard King Mellon Foundation.

For further information contact

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Penn State Bioenergy Bridge: <http://www.bioenergybridge.psu.edu/> Penn State Hershey Medical Center: <http://www.pennstatehershey.org/home/>



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