



International
Biochar Initiative

Announcing the 2nd Annual International Meeting
of the International Biochar Initiative (IBI):

“Biochar:

Sustainability and Security

in a Changing Climate”

September 8-10, 2008

Newcastle Civic Centre, Newcastle, UK

www.biochar-international.org

Don't miss this exciting international conference on biochar, a revolutionary means of removing carbon from the atmosphere and enhancing the world's soils!

The conference will feature the results of the latest scientific research, and developments in policy and education. Producers of Pyrolysis technology will be providing information on their units and organisations and individuals will be presenting case studies of the use of biochar in different agricultural systems.

The conference will be useful for scientists and researchers in the fields of soils, agronomy, climate change, and bioenergy, and for policymakers, agricultural producers, commercial interests, and anyone interested in learning about this revolutionary carbon negative method to combat global warming.

Learn about Biochar

Biochar is a fine-grained charcoal substance made from biomass that has been heated in the absence of air. When used as a soil amendment in combination with sustainable production of the biomass feedstock, biochar effectively removes net carbon dioxide from the atmosphere. Biochar can remain in the soil for several hundreds to thousands of years, creating virtually permanent soil sinks! Biochar and bioenergy co-production from urban, agricultural and forestry biomass can help combat global climate change by displacing fossil fuel use, by sequestering carbon in stable soil carbon pools, and by dramatically reducing emissions of other greenhouse gases from soils.

Biochar in soils can:

- Improve soil health
- Increase crop yields and productivity
- Reduce soil acidity
- Improve water quality
- Reduce nutrient and chemical leaching and run-off, and
- Reduce the need for chemical and fertilizer inputs.

Other biomass energy systems are at best carbon-neutral, resulting in no net changes to atmospheric carbon dioxide.

The 2008 Conference of the International Biochar Initiative:

Hear the latest updates on biochar production and application methodologies, and learn how biochar production processes can benefit industrialised and developing country situations. Biochar production systems can be developed as mobile or stationary units. Small-scale systems can be used on farm or by small industries, and are commercially available for biomass inputs of 50 to 4000kg/hr (dry basis feed input). The bioenergy produced from these biochar production systems, which can be in the form of a synthetic gas, or syngas, or bio-oils, can be used to produce heat, power or combined heat and power.

Keynote speakers at the conference:

- **Tim Flannery**,
author of *The Weathermakers: How Man is Changing the Climate, and What it Means for Life on Earth*
- **Ron Oxburgh**,
Department of Earth Sciences, Cambridge;
Chairman of D1 Oils formerly Chairman of Shell Transport and Trading

SIGN UP today to receive conference registration materials for this exciting event.

Registration will be limited!

For all conference information, and to sign up please go to: www.biochar-international.org

or contact Will McLean at will.mclean@whymangroup.com

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