

Massachusetts Clean Energy Week

Northeast Carbon-Negative Network

www.carbon-negative.us

FULL-DAY SYMPOSIUM TO INTRODUCE AN EMERGING STRATEGY

Biochar & BioFuels Carbon, Climate & Soil Friday, November 13, 2009

University of Massachusetts Amherst

Taking Action to Save Our Planet

CLEAN ENERGY ☀ CLEAN AIR ☀ CLEAN FOOD



**“One last chance
to save mankind.”**

James Lovelock
British climate scientist
originator, The Gaia Hypothesis



One full day of professional presentations on practical steps—
to sequester carbon & reverse global warming,
to boost energy independence & curb carbon emissions,
to produce renewable energy & reduce fossil fuel use,
to create sustainable soil fertility & grow nutrient-dense food

YES, WE CAN TURN THE CORNER ON CLIMATE CHANGE

**Biochar can provide
CO₂ drawdown
of ~8 ppm or more
in half a century**

James Hansen
climate scientist

KEYNOTE SPEAKER

The Promise of Biochar

Dr. Johannes Lehmann

Cornell University, Ithaca, NY
leading world expert on *Terra Preta*
Chair, International Biochar Initiative
Editor, *Biochar for Environmental Management*



FEATURED SPEAKERS

Dr. Tom Reed

former Chief Scientist, Biochar Engineering
lead *gasification* researcher at NREL
www.biocharengineering.com

Dr. Jeffrey Novak

USDA ARS Soil Scientist
Coastal Plains Soil, Water & Plant Research
soil, carbon, biochar & phosphorus

Stephen Brick

Executive Director
International Biochar Initiative
www.biochar-international.org

Dr. Hugh McLaughlin

Director of Biocarbon Research
Alterna Energy, British Columbia
www.alternaenergy.ca

Danny Day

Founder & President, www.EPRIDA.com
Univ. of Georgia, Athens, GA
lead researcher on *slow pyrolysis*

Dr. Christoph Steiner

Research Scientist, Univ. GA, Athens, GA
author, *Slash-and-Char Agriculture*
www.biochar.org

Dr. Julie Major

Extension, International Biochar Initiative
author, *IBI Guide to Biochar Field Trials*
www.biochar-international.org

Abe Collins

Dairy Farmer, Swanton, VT
leading advocate for conservation grazing
Co-Founder, www.CarbonFarmersofAmerica.com

Dr. Janice Thies

Associate Professor, Soil Biology
Cornell University, Ithaca, NY
research on soil microbial ecology

TO REGISTER

New England Small Farm Institute
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TO VOLUNTEER

Biochar Symposium
is a new citizen initiative
sustained by volunteers
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