



Founding meeting of the Canadian Biochar Initiative

> Friday December 12, 2008 <

Location: Rm. 4-047, Raymond Building, MacDonald Campus, McGill University
21111 Lakeshore Road, Ste. Anne de Bellevue, Quebec

What is biochar?

- Biomass-derived charcoal, can be produced from any waste biomass such as agricultural, residential and institutional waste, forestry residues, etc.
- When applied to soil, it improves crop yields by retaining nutrients and sequesters carbon for very long periods
- When biochar is obtained as a by-product of energy generation and applied to soil, biochar is the ONLY CARBON-NEGATIVE METHOD OF PRODUCING ENERGY!

Come learn more during a series of talks on MacDonald campus!
Join us for any or all of the talks

- 9:30 - 9:40 am **Welcome and Introductory Remarks** - Kevin Aschim, Market Development Manager, Waste Management Technologies, Alberta Research Council, Edmonton, Alberta
- 9:40 - 10:10 am **Biochar 101 and the Global Biochar Effort** - Julie Major, Extension Director, International Biochar Initiative, Bowdoinham, Maine
- 10:10 - 10:40 am **Pyrolysis and Product Applications**, Dr. Peter Fransham, President Advanced Biorefinery Inc., Ottawa, Ontario
- 10:40 - 11 am - **BREAK**
- 11:00 - 11:30 am **Pyrolysis and Energy**, Dr. Fernando Preto
Biomass & Renewable Resources Group Leader, CANMET Energy, NRCan, Ottawa, Ontario
- 11:30 - 11:50 am **2nd Generation Bio-Pellet & Pyrolytic Liquids** - René Pigeon, Bioenergy Team, CANMET Energy Technology Centre, Natural Resources Canada, Ottawa, Ontario
- 11:50 - 1:00 pm **LUNCH**
- 1:00 - 1:30 pm - **Performance of Carbonized Biomass as a Greenhouse Growth Media**, Dr. Nick Savidov, Research Scientist, Alberta Agriculture and Rural Development, Brooks, Alberta
- 1:30 - 2:00 pm - **Pyrogenic Carbon as a Component of the Carbon Cycle in Boreal Forests**
Dr. Caroline Preston, Research Scientist, Canadian Forest Service, Victoria, BC
- 2:00 - 2:30 pm - **Biochar Research in South America**, Dr. Marco Rondon
Senior Program Specialist, International Development Research Centre, Ottawa, Ontario
- 2:30 - 2:45 pm - **BREAK**
- 2:45 - 3:15 pm - **Integrated Greenhouse and Pyrolysis Plant Operations** - Alex English, Manager Burt's Greenhouses, Odessa, Ontario
- 3:15 - 3:30 pm **Closing Remarks**

Please contact Kevin Aschim if you would like more information:
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More information on biochar at www.biochar-international.org