

NRESi



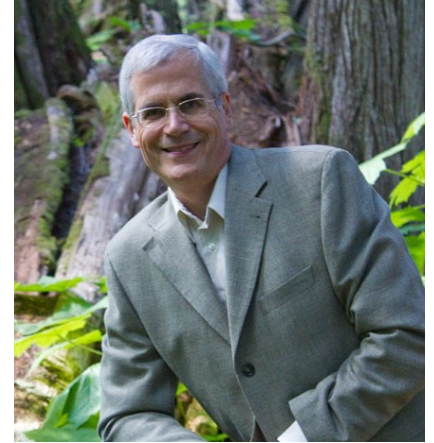
"Our environment is our future"

For **Illuminate** information and link to the webcast: http://www.unbc.ca/nres/nresi_webcast.html

RESEARCH COLLOQUIUM SERIES

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BIOENERGY & CLIMATE CHANGE

We are in the "carbon century", the moniker that has opened the new millennium. Anthropogenic carbon dioxide (CO₂) and other greenhouse gas (GHG) emissions especially from electricity generation and the driving of vehicles are pushing our planet's ecosystems toward a state of anarchy, as we are emitting 1,000 tonnes of carbon dioxide every second. The scientific evidence indicates conclusively that our consumption of fossil fuels has begun to destabilize the Earth's atmosphere, resulting in the potential calamity known as climate change. We will present an overview of the latest information on climate change. Among the renewable energy sources (RES) available to combat climate change is bioenergy. Bioenergy represents a vast array of processes and technologies. We will examine the various options. Can we defeat climate change with bioenergy? Can we defeat climate change without bioenergy?

Friday

Jan. 21, 2011

3:30 - 4:30

LECTURE THEATRE

7 - 150