



Jason J. Blackstock (CIGI)

Dr. Jason J. Blackstock is a Research Scholar at the International Institute for Applied Systems Analysis (Austria) and a Fellow at the Centre for International Governance Innovation (Canada).

His research broadly explores the intersection of science and international affairs, with a current focus on scientific and socio-political implications of geoengineering technologies.

The Science and Politics of Geoengineering Research

Thursday, March 4th, 2010 | Laurel Room (SCH) | Start at: 12:20 p.m.

South Campus Hall, University of Waterloo, 200 University Ave. West, Waterloo, ON

Lunch will be provided.

Website: <http://www.ic3.uwaterloo.ca>

As concern about the state of our global climate system mounts, geoengineering schemes that may moderate GHG-induced climate change are receiving increased scientific, public and political attention. In principle, if carefully developed and managed, such geoengineering technologies might be able to help insure global public welfare against the worst potential impacts of climate change. Moreover, if executed with insufficient regard for international transparency and approval, field-testing of geoengineering technologies could generate international political tensions that further obstruct global efforts to achieve agreement on urgently needed carbon emission reductions — and possibly even deteriorate into heated international conflicts.

This talk will highlight the latest scientific understanding and research underlying prominent geoengineering proposals, looking particularly at emerging proposals to ameliorate rapid Arctic climate change using Solar Radiation Management geoengineering. These proposals will also raise a variety of international coordination and political challenges at the interface of science and international affairs.