

“Geoengineering the Climate - an Issue for Peace and Security Studies?” Workshop program

Thursday, November 10, 2011

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| 14:45 - 15:15 | Registration |
| 15:15 - 17:00 | Public session 1 |
| A. | Geoengineering: an introduction |
| 15:15 | Welcome by Martin Claussen (KlimaCampus, University of Hamburg) and Jürgen Scheffran (KlimaCampus, University of Hamburg, conference organizer) |
| 15:30 | Peter Liss (University of East Anglia, UK):
An overview of Geoengineering |
| Commentary: | Paul Crutzen (Max-Planck-Institute for Chemistry) |
| Discussant: | Gernot Klepper (Kiel Institute for the World Economy) |
| 17:00 – 17:30 | Coffee break |
| 17:30 – 19:00 | Public round table |
| B. | Perspectives on Geoengineering |
| Moderator: Michael | <i>Brzoska (Inst. f. Peace Research and Security Policy, Univ. of Hamburg)</i> |
| 1 | James R. Fleming (Colby College, Maine, USA):
The history of geoengineering |
| 2. | Timo Goeschl (University of Heidelberg):
The economics of geoengineering |
| 3. | Jason Blackstock (Waterloo, ON, Canada & Vienna, Austria):
Geoengineering and governance |
| 4. | Konrad Ott (University of Greifswald):
The ethics of geoengineering |
| 19:30 | Dinner |

Friday, November 11, 2011

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| 09:30 - 10:00 | Arrival, welcome coffee |
| 10:00 | Introduction |

- 10:15 – 12:30 **Closed session 1**
- C. **Geoengineering: a taxonomy**
Moderator: P. Michael Link (KlimaCampus, University of Hamburg)
1. Ulrike Niemeier (Max-Planck-Institute for Meteorology):
Aerosol dispersion
 2. Andreas Oschlies (IFM-GEOMAR, Kiel):
Ocean fertilization
 3. Michael Köhl (University of Hamburg):
Afforestation
 4. Daniel Vallentin (Wuppertal Institute for Climate, Environment & Energy):
Carbon sequestration
 5. Jens Hartmann (KlimaCampus Hamburg):
Enhanced weathering
- 12:30 Lunch
- 13:30 – 15:30 **Closed session 2**
- D. **Geoengineering: Peace and security**
Moderator: Martin Kalinowski (Center for Science and Peace Research, Univ. of Hamburg)
1. Alan Robock (Rutgers University, USA):
Potential threats and future challenges of geoengineering
 2. Jürgen Scheffran (KlimaCampus, University of Hamburg):
Conflict potentials of geoengineering
 3. Achim Maas (adelphi research Berlin):
Security dimensions of geoengineering
 4. Götz Neuneck (Institute for Peace Research & Security Policy,
University of Hamburg):
From weather wars to climate engineering?
 5. Henning Hetzer (Bundeswehr Transformation Center):
Geoengineering - three scenarios for 2040
- 15:30 Coffee break
- 16:00 – 17:45 **Closed session 3**
- E. **Geoengineering: a global governance issue?**
Moderator: Mark Lawrence (Max-Planck-Institute for Chemistry)
1. Ortwin Renn (University of Stuttgart):
Impacts of geoengineering: perspectives of stakeholders and the public
 2. Sebastian Harnisch (Institute of Political Science, Univ. of Heidelberg):
Geoengineering as a global governance issue?
 3. Alexander Proelß (Institute of International Law, University of Kiel):
International legal implications of climate engineering
 4. Hartmut Graßl (Max-Planck-Institute for Meteorology):
Is global governance of climate engineering possible?
- 17:45 – 18:00 **Summary of discussions**
Moderator: Jürgen Scheffran (KlimaCampus, University of Hamburg)
- 18:00 End of workshop