

# International Seminar on The Security Implications of Emerging Climate Altering Technologies

Royal Military Academy  
Hobbemastraat 8, 1000 Brussels  
23 October 2019



## PROGRAMME

13:00-14:00 Arrival of Participants / Registration / Welcome Coffee

14:00-14:15 **Opening of the Seminar**

*Welcome by the Seminar Organisers*

*Opening Remarks* by **Didier Reynders**, Deputy Prime Minister and Minister of Foreign and European Affairs and Defence, Kingdom of Belgium

*Introduction to the Programme and Objectives* by **Alexander Verbeek**, Policy Director, Environment & Development Resource Centre / Founder, Institute for Planetary Security

14:15-15:45 **Session 1: Understanding Geoengineering and its Security Implications**

*Moderator:* **Ashley McIlvain Moran**, Director, State Fragility Initiative, Robert Strauss Center for International Security and Law, University of Texas at Austin

*The Promise and Perils of Intervention in the Climate System* by **Oliver Morton**, Briefings Editor, *The Economist* (formerly Energy and Environment Editor) / Former, Chief News and Features Editor, *Nature* / Author of The Planet Remade: How Geoengineering Could Change the World

*Introduction to Geoengineering: Feasibility, Costs and Impacts*, by **Dr Jason Blackstock**, Associate Professor, Department of Science, Technology, Engineering and Public Policy (STePP), Faculty of Engineering Science, University College of London

*The Security Implications of Geoengineering* by **Major General ANM Muniruzzaman (Ret.)**, Chairman, Global Military Advisory Council on Climate Change (GMACCC) / President, Bangladesh Institute for Peace and Security Studies (BIPSS)

*The Geopolitical Risks of Geoengineering* by **Prof François Gemenne**, FNRS Senior Research Associate, University of Liège

Discussion

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15:45-16:15 Coffee Break

16:15-17:45 **Session 2: Ensuring Security through Geoengineering Governance**

**Moderator: Dr Harris Gleckman**, Senior Fellow, Center for Governance and Sustainability, University of Massachusetts Boston / Director, Benchmark Environmental Consulting

**Existing and alternative Approaches to Geoengineering Governance** by **Samantha Gross**  
Fellow - Foreign Policy, Energy Security and Climate Initiative, Brookings Institution

**Applying European and International Law Principles and Practice to Geoengineering Governance** by **Tsvetelina Filipova**, Senior Policy Analyst, Climate and Environmental Governance Programme, Institute for European Environmental Policy

**Political Strategies towards Geoengineering Governance** by **Janos Pasztor**, Executive Director, Carnegie Climate Governance Initiative (C2G), Carnegie Council for Ethics in International Affairs

Discussion

17:45-18:00 **Conclusions and Follow-up**

**Ronald A. Kingham**, Executive Director, Environment & Development Resource Centre