



GLOBAL MILITARY ADVISORY COUNCIL ON CLIMATE CHANGE

Co-operation to Minimise the Risks Posed by a Changing Climate: Working together on the most important 21st century global security threat

FINAL PROGRAMME

Organised by the Institute for Environmental Security

The European Climate Foundation, Brussels Office, Rue de la Science 23, Brussels

Monday 23rd September

- 09:15-10:00 ***Session 1: Building Trust between the Military & Civil Society***
- Major General (ret) Muniruzzaman, Chairman, GMACCC
 - Tom Brookes, European Climate Foundation
 - Discussion
- 10:00-11:00 ***Session 2: A European Dimension***
- Chair: Tom Spencer, Vice Chairman, GMACCC
- Sir Graham Watson, MEP
 - Lieutenant Colonel David Goulding, Action Officer & Deputy Branch Chief, Concepts & Capabilities, EU Military Staff, European External Action Service
 - Lieutenant Colonel (ret) Vassilis Tsiamis, Technology Manager Energy & Environment, Research & Technology Directorate, European Defence Agency
 - Paul Anciaux, Policy Officer Defence Industry, DG Enterprise and Industry, European Commission
 - Discussion
- 11:00-11:30 **Coffee Break**
- 11:30-13:00 ***Session 3: Energy Security & Geopolitics: North Africa as Case Study***
- Chair: Lieutenant General (ret) Tariq Waseem Ghazi
- “The Sahel, Mali, Libya & Algeria” Dr Yacob Mulugeta, PhD, Reader in Energy and Development, Centre for Environmental Strategy, University of Surrey / Former, Senior Energy and Climate Specialist, African Climate Policy Centre (ACPC), UN Economic Commission for Africa (UNECA)
 - “Climate Issues in West and North Africa” Kader Rhanime, Senior Advisor, International Cooperation Projects, Mena Advising
 - “Power from the Desert Sun” Nick Dunlop, Director, Climate Parliament
 - Discussion
- 13:00-14:30 **Sandwich Lunch with Representatives of the ECF & Guests**
- 14:30-15:30 ***Session 4: The Nature of Military Planning in the Context of Climate Change***
- Chair: Lieutenant General (ret) Bala Nanda Sharma
- Air Marshal (ret) AK Singh, President, GMACCC
 - Jason Anderson, Head, EU Climate & Energy Policy, WWF/EPO
 - Discussion

- 15:30-16:30 **Session 5: Humanitarian & Military Responses Compared**
Chair: Group Captain Manoj Kumar, Indian Air Force
- Discussion
- 16:30-17:00 **Coffee Break**
- 17:00-18:30 **Session 6: Science, Climate Change & The Military**
Chair: Tom Spencer, Vice Chairman, GMACCC
- Brigadier General (ret) Wendell Christopher King, Author of forthcoming "Summary of IPCC AR5 Reports for the Military and Security Community"
 - Delia Villagrana, Senior Advisor, European Climate Foundation
 - Discussion
- 18:30-19:30 **Break**
- 19:30 **Dinner**
University Foundation, rue d'Egmont 11, 1000 Brussels

Tuesday, 24th September

- 09:15-10:30 **Session 7: The Long View: Climate Modification or Geoengineering?**
Chair: Wouter Veening, Chairman / President, Institute for Environmental Security
- Dr Jason J Blackstock, Deputy Head of Department, Science, Technology, Engineering and Public Policy (STeAPP), University College London
 - Jetstream Unchained – the impact of Arctic warming on the Northern Hemisphere
 - Discussion
- 10:30-11:00 **Coffee Break**
Video Message from Admiral (ret) Chris Barrie, AC, RAN – Australia
- 11:00-12:30 **Session 8: "Action this day"- The case for complimentary action**
Chair: Rear Admiral (ret) Neil Morisetti, RN
- The merits of action which compliments the UNFCCC process
 - The avenues for achieving such action (Global/International & Regional)
 - The place of the security community in delivering progress
 - GMACCC's role
- Comments by Dr Stephan Auer, Director, Multilateral Relations and Global Issues, European External Action Service and
Sandrine Dixson-Declève, Director, The Prince of Wales's EU Corporate Leaders Group
- 12:30-13:00 **Close of Seminar**
- Tom Brookes, European Climate Foundation
 - Major General Muniruzzaman, Chairman, GMACCC
- 13:00-14:00 **Sandwich Lunch**
- 14:00 **Press Conference**

"GMACCC is a global network of serving and retired military officers, and associated institutions, committed to highlighting the potential security implications of a changing climate and advocating action, including by the military, to minimise the risks."