



# GLOBAL MILITARY ADVISORY COUNCIL ON CLIMATE CHANGE

## **Co-operation to Minimise the Risks Posed by a Changing Climate: Working together on the most important 21<sup>st</sup> 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 23<sup>rd</sup> 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, 24<sup>th</sup> 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."*