



## **The Importance of Military Organizations in Protecting the Climate: 2008**

3 to 5 November

Marriott Rive Gauche Hotel and Conference Center

Paris, France

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### **Monday, 3 November** – Louis Armstrong Auditorium

13:00 Registration

14:30 Welcoming Remarks

Marco Gonzalez, Executive Director, United Nations Environment Programme, Montreal Protocol Secretariat (Confirmed)

14:40 The Importance of Co-Operation on Climate for Security

Marta Bonifert, Director, Environment and Security Initiative (ENVSEC) (Confirmed)

15:00 The Physical Science of Climate Change

Scientific evidence shows that climate is changing as a result of human actions. Changes in climate will continue in this century affecting temperatures, precipitation and wind patterns. There are indications that climate is changing faster than previously expected.

Dr. Guus Velders, Netherlands Environmental Assessment Agency (Confirmed)

15:45 Climate Change Effects: the Security Consequences

Climate change threatens the water, agriculture and infrastructure that humans depend on with consequences for geopolitical stability and alliances that maintained global stability.

Dr. Bruce A. Callander, UK Ministry of Defence (Confirmed)

16:30 Security Implications (Moderated Panel)

Mr. Ikaros Moushouttas, Policy Planning and Early Warning Unit Council of the European Union (Confirmed)

Air Marshal A.K. Singh, India Air Force, Retired (Confirmed)

E. Thomas Morehouse, Institute for Defense Analysis (Confirmed)

Panel Moderator: Tom Spencer, Vice-Chairman, Institute for Environmental Security, Executive Director, European Centre for Public Affairs (Confirmed)

18:00 Reception – Auditorium Foyer

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### **Tuesday, 3 November** – Louis Armstrong Auditorium

8:00 Coffee and Refreshments

9:00 Welcome and Introduction of Keynote Speaker

9:05 Keynote Presentation: Climate Change and Security

Rear Admiral Niels C. Wang, Kongelige Danske Marine (Royal Danish Navy) (Confirmed)

9:35 The Challenge and the Opportunity: Using the Fully Burdened Cost of Fuel to Improve Energy Productivity and Increase Force Effectiveness

E. Thomas Morehouse, Institute for Defense Analysis (Confirmed)

10:05 Measuring Carbon Footprint: Greenhouse Gas Emissions Accounting

Accurate greenhouse gas accounting identifies opportunities to improve fuel productivity, reduces emissions, and is necessary to comply with regional and international climate protection agreements.

Dr. Irving Mintzer, Senior Affiliate, the Pacific Institute for Studies in Development, Environment, & Security (Confirmed)

10:35 Coffee Break

11:00 Concurrent Sessions

Track A: National Military Climate Leadership: Country-Specific Case Studies (Louis Armstrong Auditorium)

Track A examines case studies of specific actions militaries around the world are taking to improve energy productivity, increase the use of renewable energy, and reduce greenhouse gas emissions. Moderator: Kristen Taddonio

- 11:00 Hanna Uusitalo, Finland Ministry of Defense (Confirmed)
- 11:25 Thomas Hasselbring, German Ministry of Defense (Confirmed)
- 11:50 Patrick Soler, French Ministry of Defense (Confirmed)
- 12:15 Holmer Berthiaume, Canadian Department of National Defence (Confirmed)
- 12:40 Moderated Discussion

Track B: Applying Lessons from the Successful Ozone Depleting Substance Phase-out to Climate (Invalides A)

Track B explains why The Montreal Protocol is the most effective international environmental treaty, why military leadership jump started the phase out of ozone depleting substances (ODS), and how military leadership can be applied to climate protection. Moderator: Stephen O. Andersen

- 11:00 Military Climate Leadership: From Ozone Depleting Substances to Greenhouse Gases  
K. Madhava Sarma, Co-Author, "Protecting the Ozone Layer: The United Nations History" and "Technology Transfer for the Ozone Layer: Lessons for Climate Change" (Confirmed)
- 11:30 Halon banking case study and lessons for climate change  
Anton Janssen, Netherlands Ministry of Defense (Confirmed)
- 12:00 Phasing out Halons in Ground Vehicles  
Christophe Litus-Koza and Alyssa Houdria, French Ministry of Defense (Confirmed)
- 12:30 Setting and Meeting Strong Goals: Lessons from the ODS Phase out  
Steve Thien, US DoD Ozone Depleting Substance Program Manager (Confirmed)

13:00 Lunch – Patio

14:00 Concurrent Sessions

Track A (Continued): National Military Leadership: Country-Specific Case Studies (Louis Armstrong Auditorium)

Moderator: Stephen O. Andersen

- 14:00 Ronald de Rooij, The Netherlands Ministry of Defense (Confirmed)
- 14:30 Major General Lúcio Mário de Barros Góes, Brazilian Army (Confirmed)
- 15:00 Nadja Paz, Sweden Ministry of Defense (Confirmed)
- 15:30 Tim Cook, UK Ministry of Defence (Confirmed)
- 16:00 Break and Networking
- 16:30 William Van Houten, US Department of Defense (Confirmed)
- 17:00 Helen Tope, Energy International, Australia (Confirmed)
- 17:30 Major General Rajeev Datt, Director General, Land Works and Environment, Indian Army (Confirmed)

Track C: Technologies and Practices to Increase Energy Productivity and Reduce Emissions (Invalides A)

Track C features proven practices and existing and emerging technology to reduce fuel use and emissions on land, at sea and in air. Moderator: E. Thomas Morehouse.

- 14:00 "Specific Actions to Increase Energy Productivity"  
Patrick Soler, French Ministry of Defense (Confirmed)
- 14:30 "Efficient Forward Operating Bases"  
Dan Nolan, Power Surety Task Force Chief, US Army Rapid Equipping Force (Confirmed)
- 15:00 "Reducing Energy Use and Emissions through Information and Communication Technologies"  
Catalina McGregor, Chief Whitehall Advisor DE&S DSA, UK Ministry of Defense (Confirmed)
- 15:30 "Naval Technologies and Practices to Save Fuel and Reduce Emissions"  
Captain Marcel Hendriks, Royal Netherlands Navy (Confirmed)
- 16:00 Break and Networking
- 16:30 "Wind Power Solutions for Military Camps"  
Dr. Michele Righi, EU Forces (Confirmed)

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**Wednesday, 5 November - Louis Armstrong Auditorium**

- 8:00 Coffee and Refreshments
- 9:00 Welcome and Introduction
- 9:05 Remarks  
Anticipating & Responding to the Growing Risk of Abrupt Climate Changes  
Durwood Zaelke, President, International Network for Environmental Compliance and Enforcement (Confirmed)
- 9:35 Opportunities for Private Sector Partnerships with Military Organizations  
Alan Miller, International Finance Corporation and Kristen N. Taddonio, US Environmental Protection Agency (Confirmed)
- 10:00 The Power of Contractors in Achieving Military Climate Goals  
Frederick R. Anderson, Partner, McKenna Long & Aldridge (Confirmed)
- 10:30 Break
- 11:00 Conference Conclusions and Opportunities for Co-operation  
Stephen O. Andersen, EPA Climate Liaison to the US Department of Defense (Confirmed)
- 12:00 Adjourn



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