



“ENVIRONMENTAL SECURITY IN A CHANGING WORLD”

**Top Scientists, Policy Makers and Business Leaders Debate
Means of Addressing Environmental Challenges in Light of
the G7 Agenda and the Changing Political Landscape**

**Organized by UN Environment & G7 Presidency / Italian Ministry of Environment,
Land and Sea & Hosted by The European Space Agency (ESA)**

*ESA, Frascati, Italy on 21 February 2017 at 15:30 hrs CET
Webcast Live at www.unep.org*

#GEO6

1. Essential Information

Date: 21 February 2017, 15:30 hrs CET

Venue: European Space Agency (ESA), Frascati:

Contact: Shereen Zorba, Head of Science Policy Interface and Knowledge Networks
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Webcast: The event will be webcast live to a global audience at www.unep.org

2. Context

In the lead-up to the G7 Summit, UN Environment in partnership with the Italian G7 Presidency/ Italian Ministry of Environment, Land and Sea will organize on 21 February a Global Open Dialogue and Press Briefing entitled “*Environmental Security in a Changing World*”. The event will shed light on the top environmental issues proposed for the G7 Agenda in the context of global environmental priorities, growing challenges, and multi-lateral obligations -- from the Paris Agreement to the 2030 Global Goals.

Participating in the event will be 130 eminent scientists and government representatives from more than 40 countries, members of the scientific panel responsible for producing the sixth edition of the UN flagship Global Environment Outlook – (GEO 6). The Outlook is an authoritative assessment of the state of the global environment that provides an evaluation of environmental trends, challenges, policy interventions and proposes policy options.



Programme

15:30 – 16:00	Registration / Refreshments
16:00 – 16:50	Panel Interventions
16:50 – 17:30	Open Floor, Q & A

3. Running Order and Structure

Part I: G7 Environmental Agenda – Uncertainties, Challenges & Opportunities Ahead

Gian Luca Galleti, Environment Minister, Italy: *On achieving a unified G7 position for the implementation of the Paris Agreement and 2030 Agenda. Governing the economic, financial, humanitarian, social and political dynamics of an intensely interconnected world — 5 minutes*

Professor Jacqueline McGlade, Director of Science, UN Environment: *From Science to Policy. The role of science and the scientific community in supporting policy; making the case for the urgent implementation of the Paris Agreement and 2030 Agenda; Issues and Approaches presented in Global Environment Outlook 6 — 5 minutes*

Josef Aschbacher, Director of ESA's Earth Observation Programmes: *The role of space technology and Earth Observations in achieving a more sustainable and environmentally safe world — 5 minutes*

Three interventions from the floor



Part II: The Economics of Sustainability & Keeping it under 2°C

Professor Paul Ekins, GEO 6 Co-Chair, Director of UCL Institute for Sustainable Resources and Co-Director of the UK Energy Research Centre: *Conditions and Policies for Achieving an Environmentally Sustainable Global Economy* — **5minutes**

Timothy Nixon, Managing Editor, Thomson Reuters Sustainability: *On the role of the private sector and non-state actors in lowering emissions and contributing to achieving the SDGs* — **5minutes**

Andrea Valcalda, Head of Sustainability, ENEL: *Scoping the full de-carbonization of the energy mix: From financial markets to investor expectations and the climate reality* — **5minutes**

Three interventions from the floor

Part III: From Food Security and Air Quality to Equity and Gender Parity: Environment and the SDGs

Ann Twutwiler, Director General of Bioversity International : *Resilient ecosystems for sustainable food systems and achieving the SDGs* — **5minutes**

Professor Joyeeta Gupta, GEO 6 Co-Chair, Professor of Environment and Development in the Global South, Amsterdam University: *On supporting actions by developing and most vulnerable countries; do we need a unified approach to tackle global challenges?* — **5minutes**

Open Floor, Q&A



Meet the Panel



Gian Luca Galletti, Minister of Environment, Italy, also representing G7 Presidency has a background in regional government, and is a former mayor of Florence. He was a city councilor in Bologna from 1990 to 2009, and from 2003 to 2005 he also served on the regional assembly for the Emilia-Romagna region. He was elected to the national Italian parliament in 2006, serving on the finance committee. .



Jacqueline McGlade is Director of the Science Division at the UN Environment (UNEP). Her work at UNEP focuses on keeping the state of the environment under review through live open data monitoring with focus on air pollution, climate change, health and the development of UN-wide SDGs environmental indicators. Previously, she was Executive Director of the European Environment Agency between 2003 and 2013.



Paul Ekins, GEO 6 Co-Chair, is Professor of Resources and Environmental Policy, Director of the UCL Institute for Sustainable Resources, and Director of Research at the School of Sustainable Resources and Energy at University College London. He is Co-Director of the UK Energy Research Centre, in charge of its Energy Systems theme and leads UCL's involvement in research on Hydrogen and Bioenergy. Professor Ekins provides leadership and guidance in the areas of sustainable resource use, energy and environmental policy.



Joyeeta Gupta, GEO 6 Co-Chair is professor of environment and development in the global south at the Amsterdam Institute for Social Science Research of the University of Amsterdam and UNESCO-IHE Institute for Water Education in Delft. She is lead author in the Intergovernmental Panel on Climate Change which shared the 2007 Nobel Peace Prize with Al Gore. Professor Gupta leads the GEO teams in the areas of environmental sustainability and governance.





Josef Aschbacher, Director of ESA's Earth Observation Programmes, studied at the University of Innsbruck, graduating with a Master's and then a Doctoral Degree in Natural Sciences. He has 35 years of professional experience in Earth observation. Previously, he worked at the European Commission's Joint Research Centre in Ispra as Scientific Assistant to the Director.



Andrea Valcalda, Head of Sustainability, ENEL has held various positions with ENEL, from assistant to the President of the company, to member of the Planning and Control Department. After a year as Chief of Staff to the CEO, he was named Vice President for Innovation and Environment in 2008. Since 2013 he has been Head of Environmental Policies and Climate Change.



Timothy Nixon, Managing Editor, Thomson Reuters Sustainability is Director of Sustainability at Thomson Reuters and founder of the Reuters Sustainability online platform. He engages with thought leaders across a wide spectrum of NGO and private-sector partners. He has spoken at global policy-making events, including the World Bank Land and Poverty Conference, UN PRI Annual Meeting and the first global meeting of UNEA (United Nations Environment Assembly).



Ann Tutwiler, Director General of Bioversity International has 30 years of experience in agricultural policy and development working in the public and private sectors. She served as Deputy Director General, Knowledge, at FAO from January 2011 through November 2012.



Moderators



Shereen Zorba, Head of Science-Policy Outreach and Knowledge Networks, UN Environment (UNEP) is a political communication specialist with over 18 years of international experience in the area of development and political affairs. Her work focuses on global strategies to bridge the gap between science and policy through communication, advocacy, capacity development and access to information. Previously, Shereen served UNEP as Head of Media and as Spokesperson and Head of Political Communication at the UN-AU Peacekeeping Mission in Darfur.



Simone Targetti, UN Environment Programme Officer holds a PhD in Environmental Economics and a Master's degree in Environmental policies and Climate change. Working with UN Environment, he coordinates the production of the GEO-6 Assessment, working with the science community and government bodies. He also supports multi-stakeholder interaction. Before joining UN Environment, he was Energy Advisor at the International Energy Agency.



