



COP23: UN Oceans Side Event

Ocean and Climate: A Resilient Ocean for Future Generations

Saturday, 11 November 2017, 18:30 – 20:00, Bonn Zone, Room 9

BACKGROUND

Increasing greenhouse gases concentration in the atmosphere is causing both anthropogenic climate change and ocean acidification. The induced changes are wide ranging and significant. The most notable effects on the oceans are ocean warming and acidification which cause rising sea levels, changes in ecosystems and biodiversity loss, extreme weather events and the loss of polar ice. These impacts can result in loss of life, destruction of property, loss or degradation of coastlines and coastal habitats, changes in the range, distribution and productivity of marine species, coral bleaching, and ecosystem degradation with its corresponding socioeconomic impacts.

OBJECTIVE

This side event will present actions that countries are taking, with the support of the UN system, to address climate related multi-stressors on the ocean through improved scientific capacity to understand ocean change, the development of CO₂ mitigation strategies and new innovative adaptation approaches.

MODERATOR: Vladimir Ryabinin, Executive Secretary, Intergovernmental Oceanographic Commission of UNESCO

PANELISTS:

- **Valentina Germani**, Division for Ocean Affairs and Law of the Sea (DOALOS), UN-Oceans
"UN-Oceans Statement at COP 23"
- **Peter Swarzenski**, International Atomic Energy Agency (IAEA)
"Addressing global ocean acidification challenges and needs"
- **Fanny Douvere**, UNESCO World Heritage Centre
"Impact of climate change on World Heritage-listed coral reefs"
- **Lisa Svensson**, UN Environment
"Ecosystem-based mitigation solutions: the case for Blue Carbon"
- **Deon Terblanche**, World Meteorological Organization (WMO)
"The way forward for improving collaboration between atmospheric and ocean greenhouse gas communities"
- **Jose Matheickal**, International Maritime Organization (IMO)
"Mitigating greenhouse gases from the shipping sector"
- **Manuel Barange**, Food and Agriculture of the United Nations (FAO)
"Climate change adaptation in practice: examples from field projects"

CLOSING REMARKS: Peter Thomson, UN Special Envoy for the Ocean

Coordinating Agencies:



60 Years

Atoms for Peace and Development



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