

Deep-sea Science for Sustainable Development

The Deep-Ocean Stewardship Initiative (DOSI), in partnership with the Permanent Mission of the Kingdom of Tonga to the United Nations, the Intergovernmental Oceanographic Commission of UNESCO (IOC-UNESCO) and IUCN, invite you to a side-event to the UN Ocean Conference:

**Monday 5 June 09.00-10.00,
Conference Room A, United Nations, New York**

Ocean environments deeper than 200 metres account for more than 90% of the habitable space of the planet. Deep-sea science is key to conserve and sustainably use ocean resources and maintain the 'life-support' functions of the ocean in the face of industrialisation and ocean change. This side-event will highlight opportunities to increase international collaboration to: advance and share knowledge of the deep-ocean; develop, deploy and transfer technologies; and lift research capacity for sustainable development.

Moderator: *Dr Vladimir Ryabinin*, Executive Secretary, IOC-UNESCO

- 09.00-09.10 Welcome remarks
Hon. Semisi Fakahau
Minister for Agriculture and Food, Forestry, and Fisheries, Kingdom of Tonga
- 09.10-09.15 Challenges of sustaining the integrity and improving resilience of ecosystems facing rapidly rising human imprints in the deep-sea
Professor Nadine le Bris, Université Pierre et Marie Curie, Paris
- 09.15-09.20 Applying deep-sea science: role of the SDGs in enhancing ecosystem-based management and avoiding significant adverse impacts, including from mining
Kristina Gjerde, IUCN
- 09.25-09.30 Increasing scientific knowledge and developing capacity for sustainable management of North Atlantic Ecosystems
Professor Murray Roberts, ATLAS Project, University of Edinburgh
- 09.30-09.35 Deep-sea scientific capacity development opportunities for small island developing states
Dr Judi Gobin, University of West Indies
- 09.35-09.40 Enhancing deep-sea knowledge through science, technology and innovation
Harriet Harden-Davies, University of Wollongong/DOSI
- 09.40-10.00 Discussion



Corals on the Atlantis Bank, SW Indian Ocean, 700-800m
Image courtesy of Alex Rogers, University of Oxford, UK

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