

# BBNJ IGC-1 Side Event

## Facilitating global and regional cooperation in ocean science, observation and capacity development in support of biodiversity conservation and ecosystem-based management in ABNJ

6 September 2018

1:15 - 2:45pm

UN  
Headquarters  
Conference  
Room 12

International cooperation is essential for accessing deep-ocean areas in ABNJ, sharing marine research resources and managing large volumes of data associated with marine biodiversity and MGR in ABNJ. The IOC has a long history spanning more than 50 years of facilitating and coordinating international marine scientific research, as well as providing a forum for Member States to interact.

In 2017, the UNGA proclaimed the UN Decade of Ocean Science for Sustainable Development, entrusting the preparatory phase to the IOC. The Decade may provide a major opportunity to advance scientific knowledge and technical capacities in ABNJ.

Enhanced and tailored ocean observing systems are key to ensure that scientists and decision-makers can effectively work together towards the conservation and sustainable use of BBNJ. Comprehensive and integrated information is essential to assist the relevant stakeholders in determining and monitoring appropriate trade-offs between conservation and sustainable use of biodiversity, notably when applying ABMTs and conducting EIA. In addition, building sufficient and appropriate capacity for the development, exchange and use of sustained observing technologies presents itself as an imperative.

This side-event will address a number of the scientific requirements that have been put forward throughout the preparatory phase of the BBNJ process to support the future elements of the ILBI – ocean data sharing mechanism and data clearinghouse mechanism, reinforced coordination of ocean observation efforts across disciplines, improvement of the scientific knowledge base and transfer of marine technology, etc.

# PROGRAMME

## Moderator

Prof. Peter Haugan, IOC Chairperson

## Welcoming remarks

Therese Johansen, Counsellor of the Permanent Mission of Norway to the United Nations  
Ngedikes Olai Uludong, Permanent Representative of Palau to the United Nations (TBC)  
Vladimir Ryabinin, Executive Secretary of the IOC of UNESCO

## Panel presentations

- *The role of the Biological and Ecosystem (BioEco) Panel of the Global Ocean Observing System, including capacity development needs to develop global monitoring of marine biodiversity,* Daniel Dunn (Duke University and Co-chair of the BioEco panel)
- Use case-based on new emerging technologies:
  - *Identifying marine species home ranges, migration pathways and movement patterns using acoustics - animal telemetry,* Fred Whoriskey (Ocean Tracking Network)
  - *Free-floating genetic information: aquatic environmental DNA profiles marine ecosystems,* Mark Stoeckle (Rockefeller University)
  - *Monitoring plankton in the open ocean with quantitative imaging,* Jean-Olivier Irisson (Sorbonne Université, Laboratoire d'Océanographie de Villefranche)
- *Options for operationalising the IOC Criteria and Guidelines on Transfer of Marine Technology,* Julian Barbieri, IOC of UNESCO

## Open forum

## Concluding remarks

Prof. Peter Haugan, IOC Chairperson

**This event is organized by the Intergovernmental Oceanographic Commission (IOC) of UNESCO with the support of the Permanent Mission of Norway and the Permanent Mission of Palau.**



PERMANENT MISSION OF NORWAY  
TO THE UNITED NATIONS



United Nations  
Educational, Scientific and  
Cultural Organization



Intergovernmental  
Oceanographic  
Commission



2021  
2030  
United Nations Decade  
of Ocean Science  
for Sustainable Development



## Contacts on organisational and substantive matters:

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