

Combining Stakeholder Knowledge to Promote Innovation and Transformative Actions in Support of Sustainable Development Goal 14

This side event highlights the opportunities for innovation and transformative solutions when combining knowledge and expertise from academic science with the knowledge and experience from other societal actors. New partnerships are an essential asset to meet the Agenda 2030 targets for Sustainable Ocean Development.

Background

The scientific community is developing an Ocean Knowledge-Action Network (Ocean KAN) to advance integrated ocean research globally, to chart a course from knowledge of ocean systems to changes in policies, practices, governance, and behaviors. In a bottom-up process the Ocean KAN facilitates the formation of transdisciplinary teams and new integrative initiatives that will address these challenges by co-designing scalable and integrated systems-approaches in collaboration with users of knowledge and decision-makers around the world. The Ocean KAN is supported by the international programs **Future Earth** and its marine core projects, the **World Climate Research Programme CLIVAR**, The **Intergovernmental Oceanographic Commission of UNESCO** and the **Scientific Committee for Oceanic Research of ICSU**. The UN Sustainable Development Solutions Network (SDSN) has been launched in 2012 to mobilize global scientific and technological expertise to promote practical problem solving for sustainable development, including the design and implementation of the Sustainable Development Goals (SDGs).

Objectives of the Side Event

The side event is conceived as a dialogue between government representatives and key users / stakeholders of marine information with the internationally organized scientific community:

- Finding solutions for protecting the ocean and for the sustainable use of the marine system services based on cooperative and integrated approaches, bringing together the natural and social sciences and economics and engineering, as well as policymakers, resource managers, industries, civil societies and other societal partners.
- Improve the definition and indicator frameworks of acceptable targets for ocean “health” and sustainability based on integrated and innovative observation systems.
- Development a more complete ocean systems understanding and modeling framework to predict and respond to shocks or disasters to and from the ocean.
- To quantify the interactions between SDG 14 and the other goals in order to realize the potential contributions and need for protections of the ocean and coastal realm for ocean in the context of the Agenda 2030.
- To identify linkages and partners to support implementation of ocean-related SDGs and promote ocean observing activities in the “Call for Action”

In the spirit of the SDSN, the side event will provide a platform to advance the transdisciplinary dialogue and provide input to the newly formed Ocean KAN development team. The Ocean KAN is a substantial contribution of the international scientific community towards the ‘Call for Action’ in support of SDG14 and the ocean dimension of the Agenda 2030.

Hosted by

- 1) University College Dublin, 2) Cluster of Excellence „The Future Ocean“ / GEOMAR Helmholtz Centre for Ocean Research Kiel and Kiel University, 3) Future Earth, 4) UN SDSN

Side event for *The Ocean Conference* (UN SDG14) at UNHQ in New York
9 June 2017, 11:00 AM - 12:30 PM (Conference Room B in the UN Conference Building)

Draft agenda

- 11:00 am **Welcome** and introduction to the topic by Martin Visbeck, „*Future Ocean*“ / GEOMAR Helmholtz Centre for Ocean Research Kiel and Kiel University
- 11:10 pm **Short presentations** (5 min)
- The need for integrated science in support of sustainable development solutions
Susan Avery, Consortium for Ocean Leadership, President Emerita Woods Hole Oceanographic (WHOI) and former member of the scientific advisory board to UN Secretary General Ban Ki Moon
 - Ocean Science in the UN System
Peter Haugan, Intergovernmental Oceanographic Commission (IOC)
 - Financing sustainable ocean development
Naoko Ishii, Global Environment Facility (GEF)
 - Small Island Development States – regional information needs and challenges
David Obura, Coastal Oceans Research and Development in the Indian Ocean (CORDIO)
 - The SRFC Advisory Opinion on flag state, coastal state and international agency obligations in tackling IUU Fishing
Richard Collins, University College Dublin (UCD)
 - Building Ocean Health Metrics in economic planning models of economic and social development on land
Mohammed Al Rizeiqi and Patrick Paul Walsh, University College Dublin (UCD)
 - The Ocean Knowledge-Action Network (Ocean KAN)
Craig Starger, *Future Earth*
- 11:45 pm **Panel discussion**
- Moderator: Patrick Paul Walsh, University College Dublin (UCD)
 - Panelists: Representatives from international science programs and stakeholders
- 12:15 pm **Open discussion**
- 12:25 pm **Summary** and closing words