

**United Nations Open-ended Informal Consultative Process on Oceans and the Law of the Sea
Twentieth meeting
New York, 10 to 14 June 2019, Conference Room 1**

Discussion panel
"Ocean Science and the United Nations Decade of Ocean Science for Sustainable Development"

Programme

Segment 1: Scope and uses of, and gaps in, ocean science
Monday, 10 June

This segment could provide an overview of the scope, uses and important role of ocean science, including for the implementation of the 2030 Agenda for Sustainable Development, in particular Sustainable Development Goal 14, and other instruments. It could also highlight the current state of knowledge on the oceans. Throughout the segment, areas where information, capacity and other gaps exist could be highlighted.

<u>Panellist</u>	<u>Presentation</u>
12:30-1:00pm	
<p>Mr. Vladimir Ryabinin Executive Secretary, Intergovernmental Oceanographic Commission of the United Nations Educational, Scientific and Cultural Organization</p>	<p><i>The United Nations Decade of Ocean Science for Sustainable Development</i></p>
3:00-6:00pm	
<p>Mr. John Agard Director, St. Augustine Centre for Innovation and Entrepreneurship, and Professor of Tropical Island Ecology, University of the West Indies, Trinidad and Tobago</p>	<p><i>The status of ocean science</i></p>
<p>Mr. Hervé Raps Medical-Delegate to the Centre Scientifique de Monaco</p>	<p><i>From ocean health to human health</i></p>
<p>Ms. Elva Escobar-Briones Universidad Nacional Autonoma de Mexico, Directora del Instituto de Ciencias del Mar y Limnologia, Mexico</p>	<p><i>Deep sea biological processes, relevant environmental, economic and social aspects and current gaps</i></p>
<p>Ms. Silvana Birchenough Principal Ecologist, Advice and Assessment Group Manager, Marine Climate Change Centre (MC3), Cefas Lowestoft Laboratory</p>	<p><i>Benthic changes resulting from climate change and ocean acidification</i></p>
<p>Mr. Francisco Werner Director of Scientific Programs and Chief Science Advisor, National Marine Fisheries Service, National Oceanic and Atmospheric Administration, US</p>	<p><i>Ocean science in support of sustainable fisheries</i></p>

Segment 1: Scope and uses of, and gaps in, ocean science (cont.)
Tuesday, 11 June, 10:00am – 1:00pm

This segment could provide an overview of the scope, uses and important role of ocean science, including for the implementation of the 2030 Agenda for Sustainable Development, in particular Sustainable Development Goal 14, and other instruments. It could also highlight the current state of knowledge on the oceans. Throughout the segment, areas where information, capacity and other gaps exist could be highlighted.

<u>Panellist</u>	<u>Presentation</u>
<p>Mr. Francisco A. Arias-Isaza Director-General, Invemar, Institute for Marine and Coastal Research, Colombia</p>	<p><i>Science applications to ocean management</i></p>
<p>Mr. Miguel Marques PricewaterhouseCoopers Economy of the Sea Project Lead, Portugal</p>	<p><i>Ocean science in support of blue growth/a blue economy</i></p>
<p>Mr. Martin Visbeck GEOMAR Helmholtz Centre for Ocean Research Kiel, Germany</p>	<p><i>Sustained global ocean observing systems serving operational service, science and sustainable development</i></p>
<p>Mr. Peter Kershaw Chair, Joint Group of Experts on the Scientific Aspects of Marine Environmental Protection (GESAMP)</p>	<p><i>Use of science for advising the UN system</i></p>
<p>Ms. Karen Evans Member, Group of Experts, Regular Process for Global Reporting and Assessment of the State of the Marine Environment, including Socioeconomic Aspects</p>	<p><i>The Regular Process for Global Reporting and Assessment of the State of the Marine Environment, including Socioeconomic Aspects</i></p>
<p>Mr. Carlos Garcia-Soto Vice-chair, European Marine Board</p>	<p><i>Marine Science for a Sustainable Future</i></p>

Segment 2: International cooperation and coordination in advancing ocean science and addressing related gaps
Tuesday, 11 June, 3:00-6:00pm

The panel segment could focus on current activities being undertaken at the global, regional and national levels to advance ocean science and address challenges and related gaps. Opportunities for enhancing cooperation and coordination at all levels, including in relation to technology and data infrastructure and integration of traditional knowledge, and for strengthening the science-policy interface, could also be explored, with a particular focus on the role of the United Nations Decade of Ocean Science for Sustainable Development. Issues relating to capacity-building and the transfer of marine technology would be integrated throughout. The supportive role of the United Nations Convention on the Law of the Sea and other instruments in advancing ocean science could also be considered.

<u>Panellist</u>	<u>Presentation</u>
<p>Mr. Jens Kruger Manager, Ocean Affairs, Pacific Community</p>	<p><i>Approaches and initiatives in the Pacific to address capacity-building needs in ocean science</i></p>
<p>Ms. Diva Amon Marie Sklodowska-Curie Fellow, Natural History Museum, United Kingdom, and Co-Founder and Director SpeSpeas, Trinidad and Tobago</p>	<p><i>Approaches and initiatives in Trinidad and Tobago to address capacity-building needs in ocean science</i></p>
<p>Mr. Wijemuni Nipuna Mahin Zoysa Director General, National Aquatic Resources, Research and Development Agency, Sri Lanka</p>	<p><i>Approaches and initiatives in Sri Lanka to address capacity-building needs in ocean science</i></p>
<p>Mr. Ariel Troisi IOC Vice Chair, Chair of IOC CD Expert Group, Servicio de Hidrografia Naval, Argentina</p>	<p><i>Capacity development and transfer of marine technology as cross-cutting issues of the United Nations Decade of Ocean Science for Sustainable Development</i></p>
<p>Ms. Karin Kroon Boxaspen Research Director, Norwegian Institute of Marine Research</p>	<p><i>The Science for Ocean Action Conference and input to the High-level Panel for a Sustainable Ocean Economy</i></p>

Segment 2: International cooperation and coordination in advancing ocean science and addressing related gaps
Wednesday, 12 June, 10:00am-1:00pm (cont.)

The panel segment could focus on current activities being undertaken at the global, regional and national levels to advance ocean science and address challenges and related gaps. Opportunities for enhancing cooperation and coordination at all levels, including in relation to technology and data infrastructure and integration of traditional knowledge, and for strengthening the science-policy interface, could also be explored, with a particular focus on the role of the United Nations Decade of Ocean Science for Sustainable Development. Issues relating to capacity-building and the transfer of marine technology would be integrated throughout. The supportive role of the United Nations Convention on the Law of the Sea and other instruments in advancing ocean science could also be considered.

<u>Panellist</u>	<u>Presentation</u>
<p>Mr. Toshio Suga Professor, Department of Geophysics, Graduate School of Science, Tohoku University</p>	<p><i>Current and emerging technologies, including GOOS and Argo, in ocean science</i></p>
<p>Ms. Frida Maria Armas-Pfirter Professor of International Law, University of Buenos Aires, Argentina</p>	<p><i>The legal framework for ocean science</i></p>
<p>Mr. Peter Haugan IOC Chairperson, Programme Director, Institute of Marine Research, Norway</p>	<p><i>Cooperation and coordination in ocean science at the international level</i></p>
<p>Mr. Michael Lodge Secretary-General, International Seabed Authority</p>	<p><i>Cooperation and coordination in deep-sea marine science</i></p>
<p>Mr. Peter Swarzenski Section Head, Radioecology Laboratory, IAEA Environment Laboratories, Monaco</p>	<p><i>IAEA's ocean acidification international coordination centre (OA-ICC): a hub for the global ocean acidification community</i></p>
<p>Mr. Ray Dalio Co-Chief Investment Officer and Co-Chairman of Bridgewater Associates, L.P., Co-founder of OceanX</p>	<p><i>The importance of ocean exploration and taking a collaborative approach</i></p>

Segment 2: International cooperation and coordination in advancing ocean science and addressing related gaps
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<u>Panellist</u>	<u>Presentation</u>
<p>Mr. Dayne Buddo CEO and Marine Biologist, Alligator Head Foundation, Jamaica</p>	<p><i>The role of non-governmental organizations in supporting ocean science</i></p>
<p>Mr. Carlos F. Gaymer Director, Millennium Nucleus for Ecology and Sustainable Management of Oceanic Islands (ESMOI), Universidad Católica del Norte, Chile</p>	<p><i>Integrating traditional knowledge into ocean science</i></p>
<p>Mr. Sergey Belov Co-chair, International Ocean Data Exchange Programme (IODE), All-Russian Research Institute Hydrometeorological Information, Obninsk, Russia</p>	<p><i>International cooperation in data management</i></p>
<p>Mr. Tarmo Soomere President, Estonian Academy of Sciences</p>	<p><i>The science-policy interface at the national level</i></p>
<p>Ms. Monika Stankiewicz Executive Secretary, Baltic Marine Environment Protection Commission – Helsinki Commission</p>	<p><i>The science-policy interface at the regional level</i></p>
<p>Ms. Juliette Babb-Riley Co-Chair, Ad Hoc Working Group of the Whole on the Regular Process for Global Reporting and Assessment of the State of the Marine Environment, including Socioeconomic Aspects</p>	<p><i>Strengthening the science-policy interface at the global level</i></p>