UN Ocean Conference Side Event

Taking Action to Address Ocean Acidification & Implement SDG 14.3
June 29, 2022
2:30pm-3:45pm
Committee Room
Blue Zone, Altice Arena
(*event ID:* ***IBZW29012***)

Co-Hosted By: *International Alliance to Combat Ocean Acidification, Plymouth Marine Laboratory, Commonwealth Blue Charter, IOC- UNESCO; IAEA Ocean Acidification International Coordination Center, the Global Ocean Acidification- Observing Network, the University of Washington and The Ocean Foundation.*

Overview:
This event will highlight Voluntary Commitments made by governments and civil society for advancing OA policy, financing, literacy, science and innovation for management.

AGENDA:

Section 1- Welcome and Introductions of Keynote Speakers—2 minutes

- Professor Steve Widdicombe, Co-Chair of the Global Ocean Acidification-Observing Network & Director of Science at Plymouth Marine Laboratory

Remarks and Announcements from Keynote Speaker--10 minutes

- Dr. Richard Spinrad, Under Secretary of Commerce for Oceans and Atmosphere and Administrator of the National Oceanic and Atmospheric Administration, United States - *5 minutes*

- Mr. James Smith, Deputy Director for Marine Policy, Department for Environment, Food and Rural Affairs, United Kingdom- *5 minutes*

Section 2: Discussion with OA Policy and Science Practitioners—30 minutes

- Ms. Jessie Turner, Secretariat of the International Alliance to Combat Ocean Acidification
  - *MC will pose one question to each panelist to respond to in 5 minutes*

THEME	CONFIRMED PANELIST
Understanding Global and Local Signals of Ocean and Coastal Change • State priorities and investments across OA/ climate-ocean efforts (why?) • Identifying science for management (how? What themes?) • Emerging knowledge and implications • What's needed.	**Dr. Mark Gold,** Director of California Ocean Protection Council, State of California
Deploying Local Strategies for Resiliency • TWN's environmental stewardship priorities • Burrard Inlet water quality objective • Cumulative Effects Monitoring Initiative • Blue carbon pilots and monitoring • Importance of socio-cultural climate risk and vulnerability assessments to inform relevant strategies	**Ms. Hillary Hyland,** Senior Environmental Specialist for the Tsleil-Waututh Nation
Importance of Multisectoral Approaches • Work being undertaken by INIDEP to advance OA knowledge nationally • Accelerating biological research for multi-sectoral purposes (fisheries and aquaculture) • layering regional and global collaborations with local activities	**Dra. Carla F. Berghoff,** Programa "Dinámica del Plancton Marino y Cambio Climático, Instituto Nacional de Investigación y Desarrollo Pesquero, Argentina
Targeting OA Information for Management • Overview of OARS & Outcome #2 • Importance of co-designing science for local adaptation needs • Examples in practice	**Prof. Richard Bellerby**, Chief Scientist Climate and Oceans, Norwegian Institute for Water Research. He is also an Expert Professor at East China University and Adjunct Professor at UCSI, Kuala Lumpur in Malaysia. OARS co-champion.

Section Three: Role of Vulnerability Assessments in Outlining Information Needs for Priority Actions: Regional to Global Approaches —20 minutes

Short Film: The Olympic Coast as a Sentinel – Tribal Communities at the Forefront of Ocean Change (5 minutes)

Co-Designing Regional Socio-Cultural Vulnerability Assessment with Indigenous Communities (5 minutes)

- Dr. Jan Newton, co-chair of the University of Washington Ocean Acidification Center and co-chair of the Global Ocean Acidification Observing Network.

Leveraging Regional Collaborations to Outline Information Needs for Local Actions (5 minutes)

- Dr. Katy Soapi, Coordinator of Pacific Community Centre for Ocean Science

Section Four: Conclusion & Announcement of Voluntary Commitments to SDG 14.3—10 minutes

- Remarks highlighting the importance of advancing science, policy and financing for implementing 14.3
    - Dr. Vladimir Ryabinin, IOC Executive Secretary- ***5 minutes***

- Announcements of newly registered Voluntary Commitments to SDG 14.3
    - Congressman Eduardo Murat, Mexico – ***2 minutes***
    - Ms. Alexis Valauri-Orton, The Ocean Foundation- ***2 minutes***

Short Description of the Side Event

There are multiple impacts of climate change to our ocean including ocean warming, acidification, deoxygenation, sea-level rise, more frequent and intense storms, marine heat waves, loss of marine life and habitat, climate variability, and changing circulation. Together, these impacts are causing harm by displacing people, damaging coastal ecosystems, communities and property, decreasing food security and sovereignty, impacting jobs and livelihoods and threating cultural practices and traditions.

Ocean acidification (OA) is a direct result of human-caused carbon dioxide (CO_2) emissions and is altering the chemical balance of seawater that marine life depends upon for proper functioning and survival.

While we must drastically reduce CO2 emissions, there are actions that governments and civil society can and should be taking now that will allow for increased adaptation and resilience of vulnerable ecosystems and species, further bolstering the ability of human communities to cope with future change.

Enhancing local and regional knowledge of ocean and coastal risks and impacts— alongside understanding and engaging with coastal community priorities—will help inform the most meaningful management and response strategies. Global efforts are moving forward to provide society with the evidence needed to sustainably identify, monitor, mitigate and adapt to ocean acidification at relevant scales.

How does the event align with the theme of the Conference?

The 2022 UN Ocean Conference is focused on delivering towards the implementation of SDG 14. This side event showcases government led voluntary commitments for advancing SDG 14.3 “to minimize and address OA”, with an emphasis on policy, financing, literacy, science and innovation for management.

This side event brings together government and science partners already collaborating to advance OA policy and actionable science across the UN SDG Platform and UN Decade of Ocean Science.

Partnerships across policy, management and science communities are essential for identifying and prioritizing knowledge gaps on the rate, scale, and patters of ocean acidification, including the impacts on marine life and the sustainability of marine ecosystems in estuarine-coastal-open ocean environments.

Committee Room:

- 400 Participants
- No official UN interpretation
- Interpretation equipment available in exceptional circumstances
- Hiring a private interpretation vendor (see Guidance Note) is at own cost, risk and responsibility
- Remote interpretation is not allowed
- Live-streaming equipment available Liaise with UN WebTV - costs are $296
- Stage with 7 seats
- Lectern
- 7 wired microphones Projector and large screens
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Specific details for prep:

- Make sure to arrive 15 minutes before your side event takes place at the dedicated location
- Technical control point in each room
- Local staff to support with trouble shooting
- Bring your own laptop for PPTs
- HDMI
- English settings