

# Treasure Trove



Explore a collection of presentations, ocean videos, music, art and poetry, games and puzzles, ocean and climate stories, reports, and other publications from around the world, and other finds from the **Program, Videos, and Resources** tabs of the Virtual Ocean Pavilion navigation bar.

## 18 November Edition

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## Exhibit Spotlight: Plymouth Marine Laboratory



Plymouth Marine Laboratory (PML) has been studying climate change and its impacts on marine ecosystems and society for decades with our research used to inform national and international policy decisions needed to adapt and mitigate for climate change. In addition, our experts are working to develop technologies and novel applications in support of addressing the climate crises, including on topics such as blue carbon, offshore renewable energy, carbon capture and storage, carbon dioxide removal, and related stressors such as the impact of plastics on climate change.

PML ocean and climate experts will be playing active parts at COP29 and have attended each COP since 2009. Over these years their work and that of the wider ocean community has seen Parties to the United Nations Framework Convention on Climate Change (UNFCCC) recognizing the importance of protecting the ocean and its ecosystems in the Convention and Paris Agreement. This includes the establishment of a mandated [Ocean and Climate Change Dialogue](#), for which, in 2024, PML expert Professor Matt Frost was a Break Out Group Moderator and Thecla Keizer was a participant.

To increase the visibility of the ocean at the COPs and to make ocean events more accessible PML was a co-founder of the first Virtual Ocean Pavilion at COP26 and a founding partner of the first Ocean Pavilion at COP27. You can find more information about PML's climate change work here [PML & climate change](#) and an overview of our activities at COP29 here [PML at the UN Climate Change Meeting COP29](#).

Interested in learning more about this exhibit? A PML representative will be available to chat in the [Pavilion platform](#) on 18 November from 13.00-20.00 AZT (GMT+4). For any questions, please contact PML's COP29 coordinator [Thecla Keizer](#).

*Looking ahead: In preparation for tomorrow's exhibit spotlight, representatives from The Common Oceans Program will be available to chat in the [Pavilion platform](#) on 19 November.*

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## Join COP29 Virtual Ocean Pavilion Events

*All Virtual Ocean Pavilion Events are accessible from the [Pavilion platform](#). Register [here](#) to gain access to the platform and its many resources available this year.*

### **18 November**

#### **Roundtable on Gender**

16:30-17:30 Azerbaijan Time (GMT+4)

*Women and Oceans: Context, Challenges, and a Case Study* will be a roundtable discussion facilitated by the Pavilion for People. To participate in this roundtable, please click the "Roundtables" tab in the top navigation bar of the Pavilion platform. On the Roundtables tab, a "JOIN NOW" button will be available at the start of the event. Twenty participants will be able to take part in the discussion on a first-come, first-serve basis.



## Women and Oceans: Context, Challenges, and a Case Study

*A Roundtable Discussion on Gender at the UNFCCC COP29 Virtual Ocean Pavilion*



**FIONA PELHAM**  
Chief Executive Officer  
Positive Impact  
**Moderator**



**DR. BERNADETTE SNOW**  
Senior Marine Social Scientist  
Scottish Association for Marine Science  
**Speaker**



**EUGENIA MERAYO**  
Senior Environmental Economist  
Natural Capital Solutions Ltd  
**Speaker**



**DR. BOLANLE ERINOSHO**  
Senior Lecturer  
School of Law, University of Derby  
**Speaker**

**18 November 2024**  
**16:30-17:30 Azerbaijan Time (GMT+4)**

**REGISTER HERE**  
<https://cop29oceanpavilion.vfairs.com>

Join the discussion via the **Roundtables** tab on the **Virtual Ocean Pavilion** platform

**Organizers:** Pavilion for People & Global Ocean Forum

**Contact:** [cmitchell@globaloceanforum.com](mailto:cmitchell@globaloceanforum.com)

Photo Credit: Julian Harpe's, Wikimedia Commons

## COP29 Virtual Ocean Pavilion Youth-led workshop: Unlocking ocean-based solutions to climate change

18:00-20:00 Azerbaijan Time (GMT+4)



## COP29 Virtual Ocean Pavilion Youth-led Workshop: Unlocking ocean-based solutions to climate change

*An online event at the UNFCCC COP29 Virtual Ocean Pavilion*



**MARK HAVER**  
Sustainable Ocean Alliance,  
Regional Representative for  
North America  
**Keynote Speaker**



**ANAÏS DEPREZ**  
Head of Mobilisation and  
Communication, Ocean &  
Climate Platform  
**Keynote Speaker**



**IWONA GIN**  
Head of International  
Relations, Nausicaá;  
Secretary, World Ocean  
Network  
**Facilitator**



**GUILLAUME LHEUREUX**  
International Project Officer,  
Nausicaá  
**Facilitator**

**18 November 2024**  
**18:00 - 20:00**  
**Azerbaijan Time (AZT)**

**REGISTER HERE**  
<https://cop29oceanpavilion.vfairs.com>

**Organizers:** Nausicaa, World Ocean Network, University of Delaware, Youth4Ocean Forum, Global Ocean Forum

**Contacts:** [iwona.gin@nausicaa.fr](mailto:iwona.gin@nausicaa.fr);  
[guillaume.theureux@nausicaa.fr](mailto:guillaume.theureux@nausicaa.fr)



**YOUTH PARTICIPANTS**  
18 Participants from the Nausicaá Citizens of the Ocean project & the University of Delaware

Background photo credit: Renata Roman/Ocean Image Bank

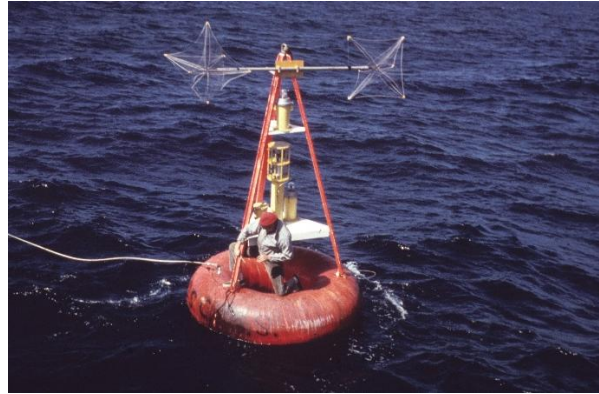
The purpose of this workshop is to identify youth priorities, concerns and aspirations in relation to the Challenge 10 of the United Nations Ocean Decade of Ocean Science for Sustainable Development, outline effective, practical and innovative ocean-based solutions to climate change, and develop messages for policy-makers to be included in a youth manifesto amplifying young people's voices and making their visions for a better ocean governance heard and considered in real policy and societal shifts. This workshop is part of a series of thematic preparatory youth events organized throughout the autumn and winter 2024 in view of the United Nations Ocean Conference to be held in Nice, France, in June 2025.



## **19 November**

### **Towards greater engagement of regional research, academic, environment, and economic institutions in addressing climate change challenges, a panel discussion**

*1:00-2:30 Azerbaijan Time (GMT+4)*



This event convenes a panel of leaders from various regional research, academic, and action-oriented institutions to provide their perspectives on their organizations' critical role in promoting the development and adoption of strategies to combat climate change. Panelists will also explore how to leverage their comparative advantage in supporting the development of collaborative ocean-based solutions in their regions that take into consideration ocean-climate-biodiversity interlinkages.

## **21 November**

### **Roundtable on Cross-sectoral Governance**

*14:30-15:30 Azerbaijan Time (GMT+4)*



*Linking Marine Areas within and Beyond National Jurisdiction: A cross-sectoral ocean governance approach in the context of climate change* will be a roundtable discussion to bring together diverse perspectives to explore how to develop a conceptual framework for cross-sectoral management of

marine areas beyond national jurisdiction (ABNJ) with linkages to management of exclusive economic zones (EEZs) in the context of climate change.

## **Ocean, climate and biodiversity interlinkages: Advances in understanding of the nature-climate nexus, a panel discussion**

*16:00-17:30 Azerbaijan Time (GMT+4)*



This panel discussion will concentrate on the United Nations Ocean Conference (UNOC) ocean action panel theme of ‘leveraging ocean, climate and biodiversity interlinkages.’ Talks will explore recent research around the connections between different marine and coastal ecosystems, and how these connections can improve our understanding of how natural systems function. The panel will further discuss how we can better link thinking around climate and nature for climate mitigation and adaptation; and how we can best use this new knowledge to effectively and equitably protect/restore these systems.

## **Taking the Leap into Marine Areas Beyond National Jurisdiction: Navigating the BBNJ Agreement together in the context of climate change**

*18:00-19:30 Azerbaijan Time (GMT+4)*



The High-level Closing Event of the Virtual Ocean Pavilion will be a panel discussion focused on support needed by national governments and regional organizations in responding to the challenges of ratifying

and implementing the BBNJ Agreement as well as the resources that are being made available to them for this purpose. It also addresses differentiated needs among countries including the needs of landlocked countries in undertaking pre-ratification activities.

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## The Pavilion for People

Launched alongside COP28, the [Pavilion for People](#) exists so all voices can be heard in the important conversations of our time and encourages commitments for action. Among the over 2,000 visitors from over 40 countries during COP28, 10% of participants made a commitment to act in support of a diverse array of initiatives amplified by the platform. Join the COP29 Pavilion for People [here](#) and see the schedule [here](#) to learn more about the initiatives and causes amplified this year. Participating in the [Virtual Ocean Pavilion](#) is one commitment highlighted for attendees passionate about conserving and protecting the ocean.

Use the tools text and images below to invite your communities to the Pavilion for People to share and amplify this work:

*Quick share:*

'COP29 climate champions are focused on SME's and innovation- I'm participating in [The Pavilion for People](#) which is a practical example of innovating so all voices are heard in the important conversations of our time- will I see you there?'



*Quick share to promote your activation:*

'I will be participating in The Pavilion for People (Share link to YOUR schedule which can be found [here](#)) will you join me?'

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## Stories from Under the Sea

*The world's largest coral was discovered in the South Pacific*

A report from Science News by Nikk Ogasa



Off the coast of the Solomon Islands lurks a centuries-old being that is so immense, it can be seen from space. Discovered in October by the National Geographic Society's Pristine Seas team, it is the [world's largest standalone coral](#). Coming in at roughly 34 meters wide, 32 meters long and 6 meters tall, the behemoth coral is longer than the average blue whale. It also dwarfs the world's next largest-known coral, a 22-meter-wide coral in American Samoa known as Big Momma. Read more about this massive find in the full report on [Science News](#).

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## Ocean & Climate Trivia



Interested in testing your ocean and climate knowledge? Follow the daily updates from the Treasure Trove to find questions prepared by Virtual Ocean Pavilion collaborators on topics across a wide spectrum of ocean and climate topics with varying levels of difficulty. Answers will be shared in subsequent issues of the Treasure Trove. Make sure to tune in every day to complete the set of trivia offered at the COP29 Virtual Ocean Pavilion.

1. *Since when have Plymouth Marine Laboratory (PML) attended the UNFCCC COPs Installing energy-efficient lighting and renewable energy sources*
    - a. 2006
    - b. 2009
    - c. 2012
    - d. 2015
  2. *What is the name of the main international ocean acidification network?*
    - a. Global Ocean Acidification Observing Network
    - b. NOAA Ocean Acidification Program
    - c. Coastal Acidification Networks (CANs)
    - d. Central & Northern California Ocean Observing System (CeNCOOS)
  3. *When is the closing day of COP29?*
    - a. 19 November
    - b. 21 November
    - c. 22 November
    - d. 23 November
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## Upcoming Ocean and Climate Events at COP29

A full overview of Ocean events at COP29 is available on the [Pavilion platform](#) via the COP29 Ocean Events tab on the main navigation bar. Highlights of events coming up on November 19 are included below.

### Women Leading the Wave: Innovators in Ocean Science and Climate Action

19 November, 10:30-11:30, Ocean Pavilion, Blue Zone



Women are leading ocean science and climate action through innovative research and leadership. This panel highlights pioneering female ocean scientists addressing climate change. Panelists will share experiences, insights, and the importance of interdisciplinary collaboration. The discussion shows how women's science drives sustainable solutions and explores ways to support and amplify women's voices, fostering a resilient and equitable future for our oceans.



This event is organized by the American Geophysical Union. Find more event information [here](#).

### **State Obligations in the Context of Climate Change as they arise from the UN Convention on the Law of the Sea**

*19 November, 18:00-19:30, Cryosphere Pavilion, Blue Zone*



Climate change has entered international court rooms, including the European Court of Human Rights, the Inter-American Court of Human Rights, the International Court of Justice and the International Tribunal for the Law of the Sea. The International Tribunal for the Law of the Sea (ITLOS) delivered its much-anticipated, unanimous advisory opinion on 21 May 2024. This landmark ruling is not legally binding, yet nevertheless significant for the development of international environmental law, and the obligation of States under the law of the sea and the international climate change. This side event will explain the legal developments and how they can be integrated with scientific research.

This event is organized by Durham University, UK. Find more information [here](#) and join the livestream [here](#).

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## **Previous Treasure Trove Editions**

Missed any of our previous treasure trove editions? Follow the links below to catch up on the latest COP29 Virtual Ocean Pavilion news.

- 15 November
  - Exhibit Spotlight: AUDA-NEPAD
- 14 November
  - Exhibit Spotlight: TBA21-Academy
- 13 November
  - Exhibit Spotlight: MarViva

- [12 November](#)
  - Exhibit Spotlight: Blue Ports Initiative
- [11 November](#)
  - Exhibit Spotlight: Australian National Centre for Ocean Resources and Security (ANCORS)
- [10 November](#)
  - Exhibit Spotlight: Global Ocean Forum
- [9 November](#)
- [8 November](#)
- [7 November](#)
- [6 November](#)
  - Highlighted Event: COP29 Virtual Ocean Pavilion Preview Event: From EEZs to the High Seas