

EurOCEAN 2023 conference

One Ocean, One Mission, One Decade - One Voice

10-11 October 2023

Auditorio y Palacio de Congresos Mar de Vigo, Vigo, Galicia, Spain

*We have set up ambitious objectives to be achieved by 2030 to restore our ocean and waters, and to realize the science we need for this purpose. We are now approaching the middle of the decade, and entering a new phase that goes from mobilization via the Mission Charter and the Ocean Decade Actions, to rally our efforts and work together to see the impact of our collective action, and investigate how we will meet these objectives for 2030. **We have One Decade to accomplish One Mission. We need One Voice to achieve the One Ocean we want.***

EurOCEAN conferences are major European marine science-policy conferences organized every 4-5 years. They provide a forum for the marine and maritime research community and wider stakeholders to interface with European and Member State policymakers and strategic planners. The aim of the EurOCEAN 2023 science-policy conference is to highlight the synergies between the EU Mission: Restore our Ocean and Waters by 2030, other EU research and innovation, and management initiatives, and the UN Decade of Ocean Science for Sustainable Development. EurOCEAN 2023 will attract marine policy makers, marine scientists, science stakeholders and communicators, maritime industry representatives and European and national decision makers and programme managers, i.e. those that set, manage and implement the marine science agenda.

*The **European Marine Board (EMB)**, together with the **Technology Centre of the Sea (CETMAR)**, the Spanish National Research Council (CSIC) through the **Spanish Institute of Oceanography (IEO-CSIC)** and the **Institute of Marine Research (IIM-CSIC)** and the **European Commission** are co-organizing the EurOCEAN 2023 conference to take place on **10-11 October 2023** in **Vigo, Spain**. The conference has been added to the calendar of events of the **Spanish Presidency of the Council of the EU (June-December 2023)**.*

*The conference will also be co-organized with the **Joint Programming Initiative on Oceans (JPI Oceans)**, the **European Marine Research Network (EuroMarine)**, the **European Global Ocean Observing System (EuroGOOS)** and the **European Centre for Information on Marine Science and Technology (EurOcean)**. This event is also supported by the European Union Innovation Action **EuroSea**, the **Marine Research Centre and Campus do Mar** from the University of Vigo, the **Board of Trustees of CETMAR** (Regional Government - Xunta de Galicia, Spanish General Secretary for Fisheries, Spanish Agency for Food Safety and Nutrition, IEO, CSIC, CETMAR, the Universities of Vigo, A Coruña and Santiago de Compostela, and fisheries industries Conxemar and ANFACO-CECOPECA), the **Marine Institute**, the **Council of the City of Vigo (Concello de Vigo)**, the **Port of Vigo** and the **European Fisheries Control Agency (ECFA)**.*

*The EurOCEAN 2023 conference will have active involvement in all the sessions of Early Career Ocean Professionals (ECOP), as they will be responsible for dealing with the consequences of our actions in 2030. The **1st EMB Early Career Ocean Professional (ECOP) Network Forum** will be held on **8-9 October 2023** in Santiago de Compostela, Spain. The reflections and recommendations from this event on future engagement of ECOPs in the science-policy sphere will be presented at the EurOCEAN 2023 conference.*

*The **European Marine Board Members** (representing over 10,000 scientists and technical staff in Europe) will meet on **12-13 October** in Vigo to reflect on the outcomes from the EurOCEAN 2023 conference.*

The EuroOCEAN 2023 conference supports:



**2021
2030** United Nations Decade
of Ocean Science
for Sustainable Development

Draft programme

The conference organizers have tried their best to achieve gender equality throughout the programme. Unfortunately, cancellations and replacements are inevitable. We apologize if we are not able to attain gender parity in the final programme.

Day 1	10 October 2023
08:00 – 09:00	Registration
09:30 – 11:00	<p>Welcome and opening addresses Master of ceremonies: tbc</p> <p>Welcome to Vigo (tbc)</p> <p>Opening addresses (tbc)</p> <p>Key note speaker (tbc)</p>
11:00 – 11:45	Coffee break, networking & exhibition
11:45 – 13:00	<p>Session 1: Enabling ecosystem-based management for fisheries and conservation To achieve sustainable and resilient fisheries for the prosperity of fishers and communities, we need to protect and restore marine ecosystems. Effective Marine Protective Areas (MPAs) are key to achieve the objectives of the EU Biodiversity Strategy, but how can it be ensured that fisheries contribute to these objectives? Are there new ways of enabling ecosystem-based fisheries? How can marine science and innovation strengthen the knowledge base to improve implementation, monitoring and enforcement?</p>
13:00 – 14:30	Lunch break, networking & exhibition

14:30 – 16:00	<p>Session 2: Addressing pharmaceutical pollution from inland to sea</p> <p><i>The occurrence of pharmaceuticals in aquatic environments has harmful effects on ecological and human health. For instance, the presence of antibiotics in the environment contributes to the development of antimicrobial resistance (AMR), one of the major emerging threats to human health today. However, plenty of knowledge gaps remain, specially related to the detection of this plethora of compounds, its fate in the environment, and cost-effective methods for reducing their presence. How can marine science and innovation close these knowledge gaps and support the European Union Strategic Approach to Pharmaceuticals in the Environment?</i></p>
16:00 – 16:30	<i>Comfort break / Coffee break</i>
16:30 – 17:30	<p>Closing Day 1: Resilience of coastal cities (title tbc)</p> <p><i>How do you enable resilient and sustainable coastal cities and communities?</i></p> <p>Close of day 1</p>
18:00 – 22:00	<i>Visit & evening reception - Museo do Mar de Galicia</i>
Day 2	11 October 2023
08:00 – 08:30	<i>Registration</i>
09:00 – 10:30	<p>Session 3: Transforming ports at the interface between land, society and the Blue Economy</p> <p><i>Ports are at the interface of land and sea, essential for the blue economy, and vital for the economy and livelihood of coastal cities. Ports around the world are transforming from closed industrial areas to open, green and innovative spaces; blue economy strategies are developed to be holistic and inclusive. What's the future role of ports in society? (e.g. for coastal protection, for avoiding invasive species, for detecting illegal activities) When and how should science and policy be involved in this new role of ports as open areas? How can ports support and enable the sustainable development of Ocean spaces (e.g. offshore renewable energy, aquaculture, green transport)?</i></p>
10:30 – 11:00	<i>Coffee break, networking & exhibition</i>
11:00 – 12:30	<p>Session 4: Ensuring Ocean knowledge in the Age of the Digital Ocean</p> <p><i>Digital Twins of the Ocean (DTO) have the potential to be digital, high-resolution, multi-dimensional and near real-time representations of the global ocean to inform sustainable measures that ensure the preservation of marine environments. Current efforts focus on building on existing assets on data infrastructures and ocean services such as Copernicus and EMODnet, but the success of DTO is based on the need to be fed by continuous observations from the ocean. How can this continued marine data acquisition from ocean observations be ensured to allow us to benefit from Digital Twins of the Ocean?</i></p>

12:30 – 14:00	<i>Lunch break, networking & exhibition</i>
14:00 – 15:30	<p>Session 5: Changing humanity’s relationship with the ocean: youth and art as agents of change</p> <p><i>Ocean literacy should entail an understanding on the dynamic nature and the human–ocean nexus. Engagement with youth and art can help people learn about the ocean, create good understanding on the ocean, connect with emotions and possibly inspire innovation and conservation behaviors. But does the ocean mean the same to all the people? Do we have all the same relationship with the ocean? How youth and arts ocean literacy initiatives measure their impact regarding the multi-meanings or multi-relationships with the ocean, regarding culture, geography, gender, age?</i></p>
15:30 – 16:00	<i>Comfort break / Coffee break</i>
16:00 – 16:15	<p>Wrap up and finalization of conference declaration</p> <p><i>Host: tbc</i></p>
16:15 – 17:15	<p>Closing session: What’s next: rallying actions for our Ocean and Waters (title tbc)</p> <p><i>Moderator: tbc</i></p>
17:15 – 17:30	Farewell message

Conference co-organizers



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