

EOOS Conference

**Evolving EOOS:
Connecting communities for end-to-end solutions**

*21-23 November 2018,
The Egg, Bara Street 175, 1070 Brussels, Belgium*



EOOS Communities

Monitoring and assessment



Industry



Policy



Operational oceanography



Marine stations and laboratories



Marine time-series



Society/Citizen Science



EOOS Conference – Concept

Summary

- **Dates:** 21-23 November 2018 - from Wednesday morning until Friday Lunch
- **Location:** Brussels, The Egg, Bara Street 175, 1070 Brussels, Belgium - www.theeggbrussels.com
- **EOOS event** developed in collaboration with EMB, EuroGOOS and the EOOS Steering Group with inputs from a Conference Advisory Committee and linked to a one-day forum (8 March 2018, Brussels)
- **Organisational, communication & logistic support** provided by the EMODnet Secretariat in collaboration with Secretariats of European Marine Board & EuroGOOS
- **Expected number of participants:** between 200 and 250
- **Targeted stakeholders / audience:** The full value chain of EOOS and full diversity of stakeholders from Research and operational ocean observation community, industry, policy, society...European and International.
- **Budget:** estimated 100k euro



EOOS Conference – *Aims and objectives*

Aim: connect & gather support from broad range of stakeholder communities, strengthen the momentum for the EOOS strategy and implementation by providing a wider perspective and forward look on the development of EOOS.

Objectives:

- showcase current and planned ocean observing and monitoring capability by presenting insights from major ongoing activities;
- connect and align diverse observing and monitoring communities and those that rely upon their outputs and services;
- assess the economic case for sustained observation/monitoring in Europe;
- identify gaps and requirements as well as cost effective solutions that will contribute to evolving an efficient, inclusive and effective end-to-end EOOS;
- assess the EOOS strategy and implementation and identifying further concrete joint actions to advance the EOOS agenda.



EOOS Conference – *Focus and scope*

- **Scope:** reflects EOOS scope itself: all-encompassing, taking into account the systematic collection of all kinds of data from the marine environment, focusing on the European effort, but set within a global context.
- **Focus:** building common understanding towards a well-coordinated & sustained ocean monitoring/observing activity to increase our understanding of the short-medium to long term changes of the system and to underpin an ecosystem based management of our marine and coastal environment supporting blue green growth

The Conference should address and progress the four main actions underpinning the development of EOOS:

1. *Align and connect existing initiatives to ensure efficiency and value for money;*
2. *Identify gaps in the European observing capacity and foster initiatives to fill those gaps;*
3. *Promote observing capacities which can benefit multiple sectors including research, policy, management and industry; and*
4. *Ensure that European ocean observing is integrated into the global observation system(s) by providing a focal point for interaction with international programmes (e.g. GOOS, GEOSS) and partner initiatives outside of Europe.*



EOOS Conference – *Proposed format*

- **High level political opening & closing sessions** (+call for action)
- **Short invited presentations & discussion panels** covering relevant studies, projects, observing/monitoring efforts + perspectives from MSs, European networks, agencies and DGs
- Focus on **plenary thematic sessions** with sufficient time to foster coherence and joint discussions with topical/regional focus
- Specific **thematic/regional breakout sessions** or side meetings (if desirable and/or requested)
- Ensure sufficient time for **networking**
- **Posters/exhibition** to bring in wider community



EOOS Conference – *Proposed structure*

- **Opening Session: Setting the Scene** - EOOS state of play, strategy & early implementation actions
- 1. **Making the case for sustained observations and monitoring** – Cost-benefit assessments and non-economic value use cases involving business, public sector, civil society and research community
- 2. **Current and future monitoring and observing activities** – Thematic sessions: Overview of activities and perspectives from key stakeholder communities
- 3. **Building a fit for purpose EOOS: Gaps and requirements** – Results of gap analyses, data stress-tests and requirements studies
- 4. **Evolving EOOS: Future priorities and next steps** – Commitments and actions for joining up European monitoring and observation efforts
- **Closing Statements: Conclusions & Conference Messages**



EOOS Conference – *Expected main outputs*

- Endorse the EOOS Strategy
- Formulate broadly-supported recommendations on future priorities for ocean observation/monitoring and next steps to deliver an integrated EOOS
- ➔ **Conference message “Evolving EOOS” and a call to action** from wide stakeholder groups
- Highlight a number of possible **joint actions** and steps that could be taken by key stakeholders to implement the EOOS Strategy



EOOS Conference – Draft Programme

Day 1: EOOS status and main building blocks

- **High level policy kick-off and EOOS end-to-end**
- **EOOS: Key components and priorities**
- **Panel discussion** with focus on key priorities identified in the Strategy document; **OR** making the case for Ocean Observing efforts
- **Major observing integration projects, efforts and initiatives at Sea-basin scale (parallel)**
- **Plenary closing of the day**
- **Reception: Connecting the dots for EOOS - Themed poster pitch presentations**



EOOS Conference – Draft Programme

Day 2: Assessing gaps and connecting communities

- **Welcome and recap on day 1**
- **Keynote** *International on ocean observing development OR Economic analysis of benefits of monitoring eg OECD*
- **EOOS: Are observation and monitoring efforts fit for purpose?**
- **EOOS: Where are the gaps in the cycle? (Panel)**
- **EOOS: Interconnecting communities, observations and data”**
- **Keynote: Big Data and the Ecosystem Approach**
- **Overview of observation efforts and monitoring programmes**
- **Panel discussion**
- **Industry: From user to producer, and everything in between (potentially a breakout session if more sessions required)**
- **EOOS By Society, for Society**
- **Reception: Connecting you and me for EOOS: stakeholders**



EOOS Conference – Draft Programme

Day 3: Evolving EOOS

- **EOOS Future priorities and next steps**
 - Plenary recap of main points from the Conference discussions
 - Focus talk on sustainability and system requirements as cross-cutting to all four EOOS themes
 - Panel: Future priorities in ocean observation and next steps to deliver EOOS with EC, stakeholder representatives (European and International e.g. EuroGEOSS, GOOS) – the EOOS Strategy / Implementation Plan / Joint Actions / Conference Statement
 - **Open discussions with audience**
- **Closing Session – Final reading and delivery of the EOOS Conference Message* (To whom? To EC officials, to JPI-O, to other stakeholders, MB reps?)**



Other ideas for potential sessions, topics, keynotes

- **Innovative funding options** for in situ ocean observation e.g. Interreg, Structural funds, industry-society partnerships (**potentially a breakout session**)
- **Demonstrations of new applications or innovative uses** of EMODnet data and products; (**potentially a breakout session**)
- Consider keynote taking **Future look at the next generation of observing and monitoring tools and approaches** – captivating and inspirational talk by a charismatic ocean explorer and/or future oriented science-tech talk on advanced ocean observing technology, the “Digital Ocean” or “Big and Linked Data Challenges”;
- Consider **Keynotes from non-European expert(s)** on monitoring and observing programmes in other parts of the world (IOOS in the US, Chinese monitoring activities by State Oceanic Administration in China, IMOS in Australia, ...) and global coordination efforts such as IOC’s GOOS which is developing a new strategy in 2017;
- “making the case” with cost benefit studies etc.
- <https://ioos.noaa.gov>
- www.imos.org.au
- <http://www.goosocan.org/>





Linking EOOS Forum & Conference

- EOOS Forum presents and discusses key aspects of EOOS Strategy & Implementation Plan *advanced draft proposals*
- EOOS Conference
 - Before and during Conference, gather wide support to endorse elaborated Strategy and Implementation plan
 - revisit early actions & promote communities to connect and propose additional actions & future directions
 - Call for further joint actions
- Points gathered at the Forum in March 2018 could feed into development of the **EOOS call for action (conference message)** drafted April-October 2018 by the EOOS SG & with feedback from Conference Advisory Committee.