

9th EuroGOOS Conference

Conclusions

George Petihakis

EuroGOOS Chair





#EuroGOOSConference

Milestone event to discuss new advances and research results in operational oceanography

450

Scientists, managers, developers, and users of ocean observing and operational oceanography products and services

45

Countries

14

Breakout sessions on latest science and technology developments + 2 poster sessions

5

Plenary sessions with international speakers from around the globe

Marketplace, WonderMe, Audience polls, 1:1 matchmaking, Zoom chats

Objectives

- Exploiting **new trends and innovations** in ocean observing technologies for improved oceanographic services
- Supporting the **UN Decade of Ocean Science** for Sustainable Development and the European Green Deal
- Improving knowledge and information on **ocean health** and **climate** services
- Building a sustained and fit-for-purpose **European Ocean Observing System**
- Creating **synergies** between European ocean observing networks and initiatives and **integrating data and knowledge** for societal benefits



- Fully virtual format
- Expanded capacity to host scientific breakout sessions = 90 orals + 22 posters
- Larger reach
- More inclusive opportunities

3 May 2021 - 5 May 2021
Virtual

9th EuroGOOS International Conference

Welcome How it works Breakout Speakers Posters Contact FAQ

9th EuroGOOS International Conference: Advances in Operational Oceanography

Expanding Europe's Ocean Observing and Forecasting Capacity

The EuroGOOS Conference is a leading forum to discuss new advances and research results in operational oceanography.

The EuroGOOS Conference, held every three years, brings together managers, developers, and users of ocean observing and operational oceanography products and services. The event helps to assess current ocean monitoring and forecasting capacities, address challenges, and identify new science and technology priorities. The conference fosters dialogue, experience sharing, and future planning with both European and international partners and stakeholders, towards a more coordinated response to societal needs related to the ocean.

Join us for three days of inspiring plenary talks, insightful presentations, and excellent networking opportunities during 11 meetings, virtual exhibition in the Marketplace, and side meetings.

Key topics

We invite a broad range of stakeholders in ocean observing and operational oceanography, from scientists and technologists to businesspersons and policymakers, to discuss these topics and more:

- Exploiting new trends and innovations in ocean observing technologies for improved oceanographic services;
- Building a sustained and fit-for-purpose European Ocean Observing System;
- Supporting the UN Decade of Ocean Science for Sustainable Development and the European Green Deal;
- Improving knowledge and information on ocean health and climate services;
- Creating synergies between European ocean observing networks and initiatives and

REGISTRATION
Closed since 5 May 2021

LOCATION
Virtual

ORGANISED BY

EuroGOOS
European Global Ocean Observing System

Ifremer

SH M 300+00
Hydrographers

RESOURCES
EuroGOOS Conference 2021 Flyer.pdf
EuroGOOS Conference 2021 Splitter and Poster Guidelines.pdf
EuroGOOS Conference 2021 Final Programme.pdf

PARTICIPANTS

Australia	9
Belgium	20
Brazil	2
Bulgaria	1

Key messages – part 1

- Operational monitoring, data provision, and services for ocean health and climate – seamless Earth-system approach, synergies between operational, environmental, and climate research and monitoring, enhanced biology and bio-geo-chemistry observations and data delivery
- Common approach to strengthening marine Research Infrastructures – joint observing system implementation, stronger user engagement and capacity building, joint actions at international level
- Coastal oceanography – fit-for-purpose technologies, FAIR, timely & interoperable data, metrology standards towards Ocean Digital Twin, user-friendly interfaces

Key messages – part 2

- From acquisition to modelling – EuroGOOS and EOOS supporting sustainability of in situ systems, shared standards and practices, user engagement in co-design, improved data assimilation, esp. in coastal areas and for bio-geo-chemical and biological modelling
- User-oriented products and services – targeted interactions with users, clear messaging, technological cooperation, best practices
- Big data and artificial intelligence – FAIR data management plans for transdisciplinary analyses with AI, training in machine learning and programming, collaborations between marine and computer scientists

Key messages – part 3

- Contribution to the UN Decade of Ocean Science for Sustainable Development – co-production of new products and services, data aggregation, advocacy for sustained operations, international partnerships
- EOOS Framework – linking European ocean observing networks, stakeholders, and initiatives, stakeholder engagement and co-design, synergies across disciplines, interface between national and pan-European ocean observing management

Co-design and co-production of science, models and forecasting will bring the needed paradigm shift in ocean observing to deliver better and timelier knowledge to society.

At the heart of this are partnerships, integration, capacity development and

**Thank you for joining us and
making this event a success!**

