
Programme

Provisional

All presentation times listed on the program are in Central European Time (UTC+1).
Please note that the program is subject to change.

DAY 1: 14 February 2022

SESSION 1: GLOBAL STRATEGIES AND POLICY

1.1 The Global Ocean Data Ecosystem: status and way forward

09:00 – 09:09

**The GOOS Observations Coordination Group Data Implementation Strategy and Mapping
Global Ocean Network Data Flows**

Kevin O'Brien

09:09 – 09:18

**The European Marine Observation and Data Network (EMODnet): A regional best practice
towards global data sharing and interoperability**

Kate Larkin

09:18 – 09:27

Ocean FAIR Data Services – Two years on

Toste Tanhua

09:27 – 09:36

Transform to Open Science (TOPS)

Chelie Gentemann

09:36 – 09:45

**All-Atlantic Ocean Data Enterprise 2030 – Common Standards For Information And Data
Sharing**

Nicolas Dittert

09:45 – 09:54

Unleashing the power of data with blockchain

Aldo Drago

09:54 – 10:00 Q&A

10:00 – 10:10 Health break

10:10 – 10:19

The Black Sea Reanalysis System In The Framework Of The Copernicus Marine Service

Leonardo Lima

1.2 Identifying data and information user needs at the national level

10:19 – 10:28

Coastal-Marine Research and Environmental Management: MSP for Coastal Regions Sustainable Development in Ukraine

Sofiia Zherebchuk

10:28 – 10:37

EMODnet Biology: A European initiative with global influence

Joana Beja

10:37 – 10:46

Creating a sustained climate ocean observing system for societal benefit and risk awareness: the AMOC-ASAP approach

Johannes Karstensen

10:46 – 10:55

Value chains in public marine data – a UK case study.

Clare Postlethwaite

1.3 [Global data sharing: changes in data sharing policies](#)

10:55 – 11:04

Governance and Business Models for Data Sharing

Tom Redd

11:04 – 11:13

Best Practice Data Standards for Discrete Chemical Oceanographic Observations

Liqing Jiang

1.4 [The future of global databases: what's next for WOD, OBIS,...](#)

11:29-11:38

Above and Beyond – Completing the World Register of Marine Species (WoRMS)

Leen Vandepitte

11:38 – 11:47

AquaDocs: Ensuring the FAIRness of ocean and aquatic research for the Ocean Decade and beyond

Sally Taylor

11:47 – 11:56

The OBIS we need for the Ocean we want

Ward Appeltans

11:56 – 12:05

Development of standardized data management for a marine invasive species monitoring plan using environmental DNA sampling in Suva, Fiji

Saara Suominen

12:05 – 12:14

The World Ocean Database (WOD) Cloud: an international ocean and coastal quality-controlled open data discovery, access, and data ingestion tool

Hernan Garcia

1.5 [Representation and inclusiveness in the global commons](#)

1.5.1 [The small island dilemma: collecting, managing, sharing and using data with minimum resources](#)

14:24-12:33

Autonomous and accessible vessel monitoring for small-scale fisheries

Samantha Cope

12:33-12:39 Q&A
12:39-13:30 Lunch

13:30 – 13:39

Democratising data for sustainable fisheries in the coastal tropics

Stephen Rocliffe

[1.5.2 Indigenous knowledge, information and data](#)

13:39 – 13:48

4 Oceans: Transgressing Time, Space, Indigeneity and Science

John Nicholls

[1.5.3 Citizen science data and information](#)

13:48 – 13:57

Spotter Pro – powering regionally and organizationally targeted opportunistic and effort-based citizen science on mobile devices

Virgil Zetterlind

13:57 – 14:06

Litter Intelligence: Quality Citizen Science Inspiring Litter Action.

Camden Howitt

14:06 – 14:15

Fishing from an ocean of data to foster the development of a knowledgeable and ocean friendly society

Tymon Zielinski

[1.5.4 LDCs](#)

14:15 – 14:24

Building ocean STI agreement platforms: findings, implications and lessons from a pilot experience on the South Atlantic

Iara Costa Leite

14:24 – 14:30 Q&A
14:30 – 14:40 Health break

[1.5.5 Digitizing offline data and information](#)

14:40 – 14:49

Creating interactive, visual, open data from historical rare books

Stephanie Ronan

14:49 – 14:58

You digitized it, but now what? Exploring computational methods for extracting biodiversity data from historical collections

Amanda L. Whitmire

SESSION 2: IMPLEMENTING THE DIGITAL COMMONS

[2.1 Data system networking and interoperability technology and methodology: status report](#)

14:58 – 15:07

Blue-Cloud: the European marine thematic platform to explore and demonstrate the potential of Open Science for ocean sustainability

Sara Pittonet Gaiarin

15:07 – 15:16

Ocean Data Platform – Progress and learnings from building a cloud-based architecture for ocean data (include data connector)

Tara Zeynep Baris

15:16 – 15:25

Portal proliferation or strengthening the ocean data network

Laura Hanley

15:25 -15:34

EMODnet Physics – connecting the data dots

Patrick Gorringe

15:34-15:43

Towards a metadata profile for Marine Spatial Plans in Europe

Adam Leadbetter

15:43 – 15:49 Q&A

15:49 – 16:00 Health break

16:00 – 16:09

Connecting Essential Ocean Variables to datasets using the I-ADOPT interoperability framework ontology and smart mappings

Gwenaelle Moncoiffe

16:09 – 16:18

Digital Twins of the Ocean through Interoperability of existing and future Ocean Data Systems

Ute Brönnner

2.2 [Joining multi-sectoral data: experiences and required action](#)

16:18 – 16:27

Technical solution for harmonizing EU Maritime Spatial Planning within EMODnet

Chris McDougall

2.3 [The IOC Ocean Infohub: experiences and next steps](#)

16:27 – 16:36

The Ocean Infohub Project

Lucy Scott

16:36 – 16:45

Providing Information for the Ocean Infohub

Sandra Sá

2.4 [Data and information products and services: new developments](#)

16:45 – 16:54

ProtectedSeas Navigator – how regulation-centered marine protected area data improves marine protection assessments

Timothe Vincent

16:54-17:03

Sea Warning And Rapid Response Data Density (Sea-WARRDD) system.

Scott Duncan

17:03-17:12

C-RAID: improve the access to historical drifter data: Copernicus Reprocessing of Argos and Iridium Drifters (C-RAID)

Thierry Carval

17:12-17:21

A global ocean oxygen database and atlas for assessing and predicting deoxygenation and ocean health in the open and coastal ocean

Marilaure Grégoire

17:21-17:27 Q&A

17:27 Adjourn

DAY 2: 15 February 2022

09:00 – 09:09

ASFA Subject Vocabulary: supporting internationalisation of ocean science through participation in AGROVOC

Tamsin Vicary

09:09 – 09:18

PORTO Online – Featured data services in practice

Aldo Drago

09:18 – 09:27

Increasing FAIRness of marine data within ENVRI-FAIR

Sylvie Pouliquen

09:27 – 09:36

Baltic Data Flows

Matthew Richard

09:36 – 09:45

Imardis – A Data Infrastructure Serving the Needs of the Offshore Renewable Energy Sector

David Mills

09:45 – 09:54

New Developments with the Open Access to the GTS (Open-GTS) project

Kevin O'Brien

09:54 – 10:00 Q&A

10:00 – 10:10 Health break

10:10 – 10:19

Navigating an Ocean of Data: Approaches for Sharing Novel USV Data with Existing Data Centers

Kimberley Sparling

10:19 – 10:28

Ocean Acidification Data for Sustainable Development – implementing an interoperable infrastructure

Benjamin Pfeil

10:28 – 10:37

SeaDataNet – further upgrading and improving FAIRness of the SeaDataNet CDI Data Discovery & Access service

Dick M.A. Schaap

10:37 – 10:46

Innovations in remote and autonomous ocean data acquisition systems to enable the digital twin of the ocean

Louis Demargne

10:46 – 10:55

Novel software for oceanographic cruise planning, execution and results database management

Sharon Z Herzka

10:55 – 11:04

Towards a comprehensive, FAIR, ocean biogeochemical data product system

Nico Lange

11:04 – 11:10 Q&A

11:10 – 11:20 Health break

11:20 – 11:29

New products and services based on HF radar data in the RAIA Observatory (NW Iberian Peninsula)

Silvia Piedracoba

11:29 – 11:38

Climatological distribution of dissolved inorganic nutrients in the Western Mediterranean Sea (1981-2017)

Malek Belgacem

11:38 – 11:4

EMODnet Bathymetry – establishing the best digital bathymetry for European seas

Thierry Schmitt

11:47 – 11:56

EMODnet Seabed Habitats: collecting habitat maps once, using many times

Helen Lillis

11:56 – 12:05

OpenOceanCloud

Ryan P Abernathey

12:05 – 12:14

A cloud-based tool for standardized and integrated oceanographic data access: A CCADI use case for ocean acidification key variable collections in Baffin Bay, Canada

Tahiana Ratsimbazafy

12:14 – 12:20 Q&A

12:20 – 13:30 Lunch

13:30 – 13:39

SeaDataCloud data products and value chain through a collaborative approach

Simona Simoncelli

13:39 – 13:48

**EMODNET Geology – harmonizing geological data of the European seas and beyond
Henr Cal/Val web-based applications for the Mediterranean and Global Ocean Forecasting**

Systems

Vladyslav Lyubartsev

13:57 – 14:06

Emerging Data Management Practices and Infrastructure for the Canadian Integrated Ocean Observing System

Reyna Jenkyns

14:06 – 14:15

Oceanographic data and information system for Polish NODC initiative

Marcin Wichorowski

14:15 – 14:24

SatBałtyk System, the data sharing platform and a modern tool for the Baltic Sea monitoring

Mirosława Ostrowska

14:24 – 14:30 Q&A

14:30 – 14:40 Health break

2.5 Leaving no one behind: the need for ocean data and information capacity development and IOC's role

14:40 – 14:49

Role of Invemar's Regional Training Center on Ocean and Information Capacity Development for Spanish Speakers Community

Paula Sierra

14:49 – 14:58

Data Inclusivity and stewardship in blue resources sustainability in the decade of action

Isa Elegbede Olalekan

2.6 Data Science: scientific insight through data management

14:58 – 15:07

How the marine data management at European scale can provide quality datasets to evaluate marine litter issues and contribute to the improvement of the existing monitoring processes

Matteo Vinci

15:07 – 15:16

Marine biodiversity advances in a digital era

Hanieh Saeedi

15:16 – 15:25

Which ocean data do we need to develop a forecasting system for shellfish safety?

Pedro Reis Costa

15:25 -15:34

Toward a Fully Automated NonLinear Quality Control of Temperature and Salinity Historical Datasets For Ocean Climatology

Kanwal Shahzadi

SESSION 3: LOOKING FORWARD

3.1 IODE 60th anniversary

3.2 Converging on multi-stakeholder best practices in data and information management (what are good practices in science, operations and how to build bridges between these domains)

15:34-15:43

Enhancing FAIR in situ data delivery: EuroGOOS recommendations for the Ocean Decade

Sylvie Pouliquen

15:43-15:52

Bringing together sediment quality data from Regulatory, environmental assessment and monitoring sources to inform marine applications and provide a 'one stop shop' for stakeholders

Jemma Anne Lonsdale

15:52-15:58 Q&A

15:58-16:08 Health break

16:08 – 16:17

Guidelines and database for monitoring of ocean surface microplastics

Chihiro Baba

16:17 – 16:26

Digitising methodologies and catalysing best practice development and exchange: the status and future of the IOC Ocean Best Practices System in the ocean's digital ecosystem

Pier Luigi Buttigieg

3.3 Expanding the pool: new partnerships (private sector, other digital stakeholder groups)

16:26 – 16:35

Partnering with Stakeholders: The Moana Project's Te Tiro Moana and Mangōpare Sensor Programme

Julie Jakoboski

16:35 – 16:44

Implementation of the Salvamares Program and the creation of the PESCADATA-SNP of the Peruvian marine ecosystem.

Salvador Peraltilla

16:44-16:53

The Private Sector: A Key Data Partner in Implementing the Ocean Decade

David Millar

16:53-17:02

EMODnet Chemistry: harmonising and consolidating in Europe for a global engagement

Alessandra Giorgetti

3.4 Future proofing of our digital commons towards AI and model-ready data

17:02-17:11

AI-Driven Indonesia's National Ocean Data Center

Hammam Riza

3.5 The evolving role of IOC's IODE (including CD, end-to-end)

3.6 How to include/involve ECOPs and students in data and information management

17:11-17:20

Contribution of Sandwatch to ocean data collection and sharing during the Ocean Decade

Sachooda Ragoonaden

17:20-17:26 Q&A

17:30 Adjourn

DAY 3: 16 February 2022

SESSION 4: DELIVERING THE OCEAN DATA DECADE VISION

4.1. Presentation of the Ocean Data Decade Vision (Panel discussion)

- What is the vision of data, information and knowledge management for the Decade
- Data as an integral part of the Ocean Decade Challenges (endorsed programme speakers)
- Preliminary analysis of barriers and opportunities to achieve the vision
- Current Decade Actions contributing to the vision
- IODE's contribution to the overall landscape

4.2 Presentation of Data Coordination Platform for the Decade – a mechanism to achieve the vision (Panel discussion)

SESSION 5: CONFERENCE DECLARATION AND CLOSING

- Summary Session 1
- Summary Session 2
- Summary Session 3
- Summary Session 4
- Panel discussion
- Q&A
- Conference Declaration
- Closing

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