

Unlocking the Oceans: managing emerging and established marine data

Hybrid meeting 4th December 2025 09:30-16:30

Conference Room 2, Met Office, Fitzroy Rd, Exeter EX1 3PB and Microsoft Teams

AGENDA

Chair: Professor Katy Hill

09:00-09:30 Registration

09:30-09:35 Meeting open (Professor Katy Hill)

09:35-09:45 Welcome to the Met Office, Charles Ewen, Chief Information Officer and Director of Technology, Met Office

09:45-10:10 Keynote Speaker: Professor Mark Inall, Chief Scientific Advisor for Marine, Scottish Government

10:10-10:30 Dr Clare Postlethwaite, Marine Environmental Data and Information Network (MEDIN): **Introduction to MEDIN.**

5 min comfort break

Session 1: Marine data types without a MEDIN Data Archive Centre

10:35-10:50 Dr Samantha Garrard, Plymouth Marine Laboratory: **Stakeholder perspectives and requirements for providing long-term access to marine social and economic data.**

10:50-11:05 Harry Richardson, The Crown Estate: **Confident data-driven decisions: How can we make them?**

11:10-11:40 Coffee break

11:40-11:55 Harriet Allen, The Shark Trust: **Connecting the dots: highlighting the need for a centralised Basking Shark data directory to enhance data coordination.**

11:55-12:10 Professor Peter Evans, Sea Watch Foundation: **Connecting the dots: How the Joint Cetacean Data Programme is transforming cetacean data sharing.**

Flash talks:

Presenter	Title
Dr Thomas Mansfield (Plymouth Marine Laboratory)	Integrating spatial and non-spatial data in the EQUIFy and VALMAS projects.
Edward Lewis (British Geological Survey)	MEDIN metadata delivery at the British Geological Survey (BGS).
Dr Fiona Carse (Met Office)	Real-time ocean data at the Met Office - sources and uses
Ola Podgorska (National Oceanography Centre)	High-5 for AI – call for user research participation
Questions	
Callum Stone (Met Office)	The WIGOS Metadata Standard and its structure and contents.
Stuart Matthews (Met Office)	10,000 Ships for the Ocean initiative and its mission to transform ocean observations.
Julie Bunt (DASSH)	Integrating citizen science data into national global systems.
Dan Lear (Marine Biological Association)	Marine Recorder Online: archival and onward flow.
Questions	
Dr Simon Good (Met Office)	The Met Office gliders in the North Sea and their use in our operational prediction systems.
Marc Gellatly (Crown Estate Scotland)	Improvements to MEDIN metadata for legacy data series in Marine Data Exchange in Scotland.
Simon McLellan (Met Office)	Aligning WMO and IOC data management and interoperability
Dr Thomas Mansfield (Plymouth Marine Laboratory)	Blue-Cloud 26 Hackathon; Observations on using gamified events to improve engagement with data management in scientific communities.
Questions	

13:00-14:00 Lunch

Session 2: Solutions for data management challenges

14:00-14:15 Monica Hanley, British Oceanographic Data Centre: **Back to basics: Bringing new technologies to forgotten systems.**

14:15-14:30 Dr Yingying Yan, Historic England: **The Marine Historic Environment Records Service for England: Developing solutions for marine heritage data management.**

14:30-14:45 Dr Antony Firth, Historic England: **Marine Data Exchange Heritage Accelerator: mobilising developer data to speed the delivery of clean offshore technologies.**

14:45-15:00 Jak Jones, British Oceanographic Data Centre: **Tackling the challenges of autonomous platform data management**

15:00 -15:30 *Coffee break*

15:30-15:45 James Ayliffe, British Oceanographic Data Centre: **Citation solutions for data management**

15:45-16:00 Margarita Lopez, UN Ocean Decade: **Vision 2030: Global marine data management challenges and solutions in the UN Ocean Decade**

16:00-16:30 Professor Katy Hill **Open discussion and conclusions for MEDIN**

16:30 *Meeting end*