

newsletter



EMSO ERIC Newsletter No. 13 - June, 2026

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News & Events

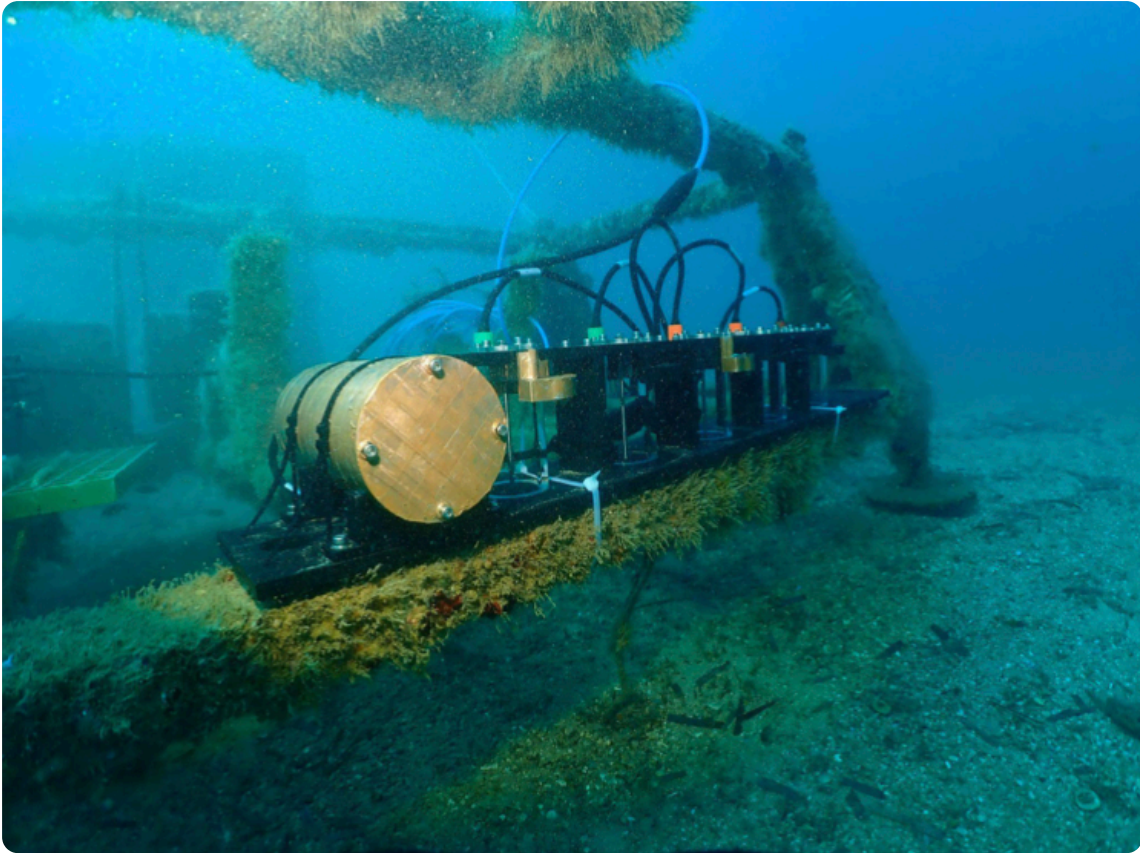


A Decade in the deep: Celebrating 10th Anniversary of EMSO ERIC

The year 2026 marks the 10th Anniversary of EMSO becoming a European Research Infrastructure Consortium (ERIC).

To celebrate this milestone, the core anniversary events will take place from **15 to 16 December 2026** in Rome, Italy, at the Barceló Roma.

[Read more](#)



Next-Generation UV-C Anti-Biofouling Solution Enters Crucial Field Testing at EMSO-OBSEA

Marine scientists and industrial engineers have launched a breakthrough field trial at the EMSO-OBSEA cabled underwater observatory to combat one of oceanography's most persistent operational challenges: biofouling. The project, titled **UVP6-BF** (*A new dedicated UV-C system for the protection of the UVP6 porthole against biofouling*), is validating an innovative, ultra-low-power Ultraviolet-C (UV-C) protection system designed to safeguard advanced optical devices like the Underwater Vision Profiler 6 (UVP6).

[Read more](#)



EMSO and EMSO ITALIA at World Oceans Day 2026

From June 6 to 8, 2026, on the occasion of World Oceans Day (WOD) established by the United Nations, INGV organized the 2026 edition of **“Giornata Mondiale degli Oceani – Conoscere, Comprendere, Convivere”** (World Oceans Day: Know, Comprehend, Coexist). The exciting event offered three days of immersive scientific dissemination and educational experiences focused entirely on our oceans.

[Find out more](#)

The poster for SEA TECH WEEK 2026 is set against a dark blue background. At the top left, there's a colorful illustration of a diver and a yellow autonomous underwater vehicle (AUV) labeled 'SEAEXPLORER'. The main title 'SEA TECH WEEK' is prominently displayed in white and yellow. Below it, the event dates '6-8 OCT. 2026' and location 'La Quartz Congress Centre, Brest - France' are listed. The poster also mentions 'INTERNATIONAL MARINE SCIENCE AND TECHNOLOGY WEEK' and 'PORTUGAL FEATURED COUNTRY'. Logos for EMSO ERIC and SHOM are visible at the bottom. A circular inset on the right shows a close-up of the SEAEXPLORER AUV on a platform. Text boxes on the left specify a 'Workshop' on 7 October 2026 and a 'Live Demo' on 8 October 2026. The central theme is 'In-situ measurement of marine currents: state of the art, new developments and scientific applications'.

SEA BREST-FRANCE
TECH WEEK

www.seatechweek.eu

6-8 OCT. 2026
La Quartz Congress Centre
Brest - France

INTERNATIONAL MARINE SCIENCE AND TECHNOLOGY WEEK

PORTUGAL
FEATURED COUNTRY

EXHIBITION
CONFERENCES
MEETINGS

CAMPUS
MÉR

Workshop 7 October 2026 | 3.15-5.45 pm CEST

Live Demo 8 October 2026 | 2-4pm CEST (SHOM)

In-situ measurement of marine currents:
state of the art, new developments and
scientific applications

emso ERIC

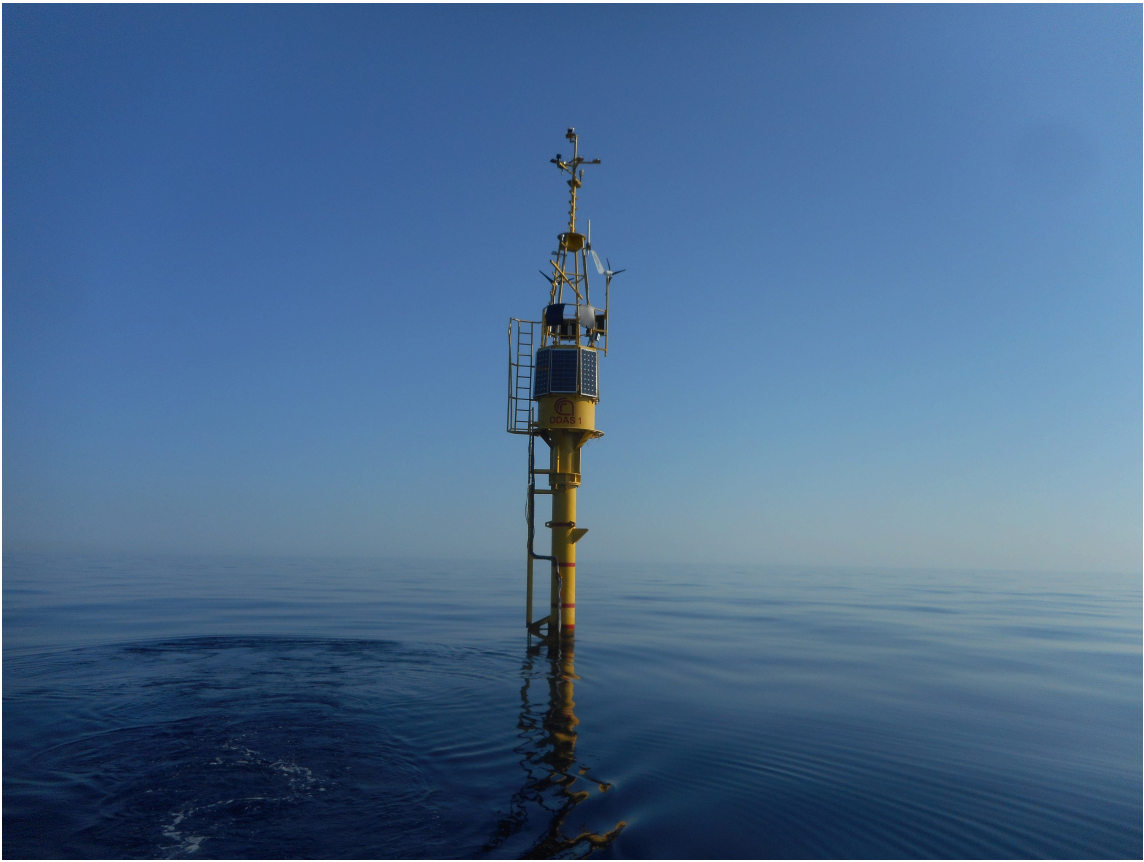
SHOM

Advancing marine current observations: from expert workshop to Live Demo

We are pleased to announce a special workshop and live demonstration organized by EMSO ERIC and SHOM on the occasion of Sea Tech Week 2026, the biannual event which brings together experts and stakeholders, and aims to strengthen international collaboration in marine science and technology.

[Find out more](#)

Updates from the EMSO Regional Facilities



EVENTS

How Sampling Strategy Shapes Marine Soundscape Characterization: Insights from Dual Hydrophone monitoring at the Western Mediterranean Sea regional facility

This contribution, developed in collaboration with the AQUARIUS project, investigates how sampling strategies affect the characterization of marine soundscapes using dual hydrophone observations at the EMSO Western Mediterranean Sea Regional Facility. The study demonstrates that acquisition design plays a critical role in the interpretation of underwater acoustic data, influencing the reliability and comparability of soundscape assessments over time. By addressing these methodological aspects, it contributes to improving long-term monitoring of ocean noise.

[Read more](#)

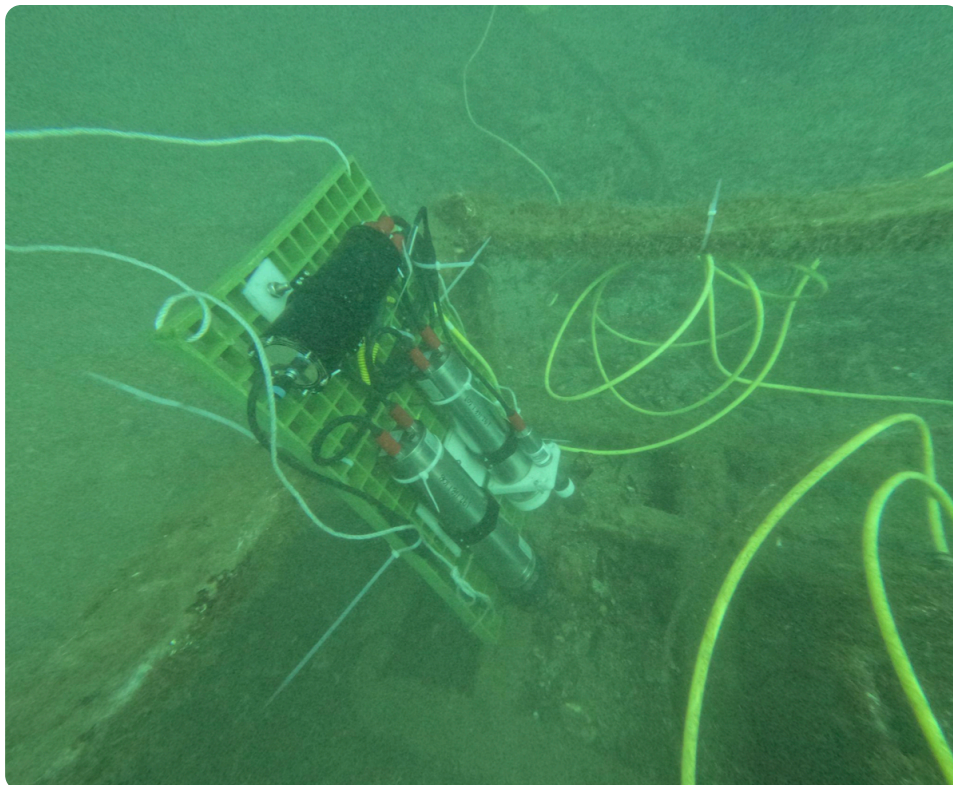


CRUISE CAMPAIGN

EMSO-SA 2026 Oceanographic Cruise in the Southern Adriatic: Monitoring the Deep Sea from the Gaia Blu

The EMSO-SA oceanographic cruise, conducted by the Italian National Research Council aboard the R/V Gaia Blu, focused on maintaining EMSO ERIC underwater observatories in the southern Adriatic Sea. The mission ensured the continuous collection of long-term oceanographic and biogeochemical data, crucial for understanding marine ecosystems and climate change impacts. Key study areas, such as the Bari Canyon, provide valuable insights into deep-water circulation, carbon processes, and environmental monitoring.

[Find out more](#)



INTERESTING PROJECTS

GEORGE project deploys innovative antifouling CO₂ Sensor System at OBSEA Observatory

As part of the GEORGE project, a new generation HydroC CO₂ sensor equipped with an innovative thruster-based antifouling system has been successfully deployed at the OBSEA Observatory coastal cabled observatory in the Northwestern Mediterranean Sea.

[Read more](#)

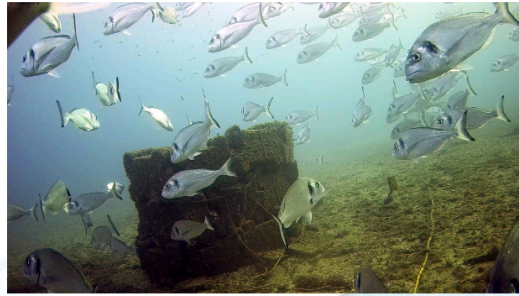
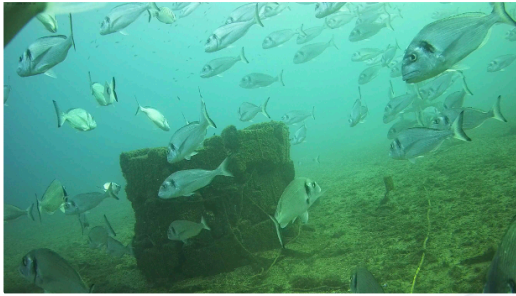


OSO: A Knowledge Graph to improve Interoperability of Marine Observatories

Developed in alignment with EMSO ERIC activities, OSO contributes to improving data discoverability, interoperability, and reuse in the context of Open Science. The ontology is publicly available, documented, and already applied to several observatories, demonstrating its ability to represent real-world infrastructures.

[Read more](#)

[EU projects](#)



ANERIS and marine life sensing at the World Oceans Day 2026

Developing the next generation of scientific instrumentation tools and methods for sensing marine life represents the core goal of the ANERIS (*operAtional seNsing lifE technologies for maRIne ecosystemS*) project.

This EU project, in which EMSO ERIC is involved with its shallow-water test sites, OBSEA and SmartBay, in pioneering continuous, AI-driven biodiversity monitoring, was highlighted during the 2026 edition of the “**Giornata Mondiale degli Oceani – Conoscere, Comprendere, Convivere**” (World Oceans Day: Know, Comprehend, Coexist), held in Genoa from 6 to 8 June.

[Read more](#)



What would make Research collaborations easier for you? Share

your views in the ERIC Forum 2 Survey

Researchers across all disciplines are invited to take part in the ERIC Forum 2 survey and help shape the future of European Research Infrastructures. Your feedback will contribute to making ERIC services more accessible, effective, and better integrated into Horizon Europe projects.

[Read more](#)

EMSO ERIC

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