

1 Achievements of the Ocean Decade to Date

The Challenger 150 Programme is a scientific cooperative developed to respond to the needs of the UN Ocean Decade. It is a vehicle for global coordination of deep-sea research geared towards a set of common objectives.

It delivers its mission by:

- Building capacity for deep-sea research globally.
- Expanding deep-sea biological observations.
- Building fundamental ecological understanding.
- Increasing use of deep-sea knowledge.

To date, Challenger 150 has established 12 Regional Working Groups, 3 Technical Working Groups, participated in 27 research cruises in five ocean basins, and set up collaborations with numerous initiatives, such as AleutBio, Crustal Ocean Biosphere Research Accelerator, Deep-Ocean Genomes Program, One Ocean Hub, and the Northeast Pacific Deep-sea Exploration Project.



7 Raising Awareness of the Ocean Decade

DOSI has a team of social media operators across several platforms, including Facebook, TikTok, X and Instagram, dedicated to promoting DOSI activities and to raise awareness of the Ocean Decade across the DOSI network and beyond. Moreover, the Challenger 150 Decade-endorsed Programme has its own communication strategy for raising awareness of its activities worldwide. Working collaboratively with the Deep-Sea Biological Society is also useful for dissemination.

6 Activities Led by Local Partners

Supporting local efforts for capacity building, skills sharing, and knowledge transfer is a key activity for DOSI. Recent examples of activities led by local partners relevant to the Ocean Decade include:

- In November 2023, DOSI and the Namibian Ministry of Fisheries and Natural Resources delivered a deep-sea invertebrate taxonomy workshop in Swakopmund to support Namibia's eco-certification with the Marine Stewardship Council.
- An intensive two-week capacity building deep-ocean science course was organised at the University of Costa Rica in 2023, delivered in Spanish, to promote transformational change in Central America.
- Working with coastal First Nations in Canada, four collaborative expeditions were launched in 2022 and 2023 to assess and protect ecologically and culturally significant seamounts and hydrothermal vents. The First Nations gave all new discoveries Indigenous names.



2 Science-Policy-Society Priorities

Contributing science-based knowledge to negotiations for the achievement of consensus at intergovernmental meetings on marine pollution (Decade Challenge 1), ecosystem and biodiversity restoration (Decade Challenge 2), sustainable fisheries (Decade Challenge 3), ocean-based solutions to climate change (Decade Challenge 5), the advancement and sharing of skills, knowledge and technology (Decade Challenge 9), and changing humanity's relationship with the ocean (Decade Challenge 10), is at the core of DOSI's mission.

DOSI has official Observer status at the International Seabed Authority (ISA), UNESCO's Intergovernmental Oceanographic Commission (IOC), the Biodiversity Beyond National Jurisdictions Treaty (BBNJ) meetings, the Intergovernmental Negotiating Committee to develop an international legally binding instrument on plastic pollution, meetings of the UN Convention on Biological Diversity (CBD) and of the UN Framework Convention on Climate Change (UNFCCC), as well as at the Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services (IPBES) and the International Council for the Exploration of the Sea (ICES). DOSI is also engaged in discussions at many regional fisheries management organisations.

At each of these fora, DOSI ensures that the interests of the deep ocean and its sustainable management for the benefit of society are acknowledged and considered in any policy output.

3 Networking Opportunities for New Partnerships

Creating and supporting new networks of experts and practitioners around emerging topics of concern with regard to the deep ocean is central to DOSI's mission. Recently created new communities of practice include those around Deep Ocean Climate Intervention Impacts (DOCII), Marine Genetic Resources (MGR), and the Biodiversity Beyond National Jurisdiction (BBNJ) negotiations.



DOSI 10 YEARS 2013-2023

DEEP-OCEAN STEWARDSHIP INITIATIVE

UN OCEAN DECADE CONFERENCE:
DELIVERING THE SCIENCE WE NEED FOR THE OCEAN WE WANT
Barcelona 10-12 April 2024

DEEPENING THE DECADE: PLUMBING NEW DEPTHS AT THE OCEAN'S SCIENCE- POLICY-SOCIETY NEXUS

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The Deep-Ocean Stewardship Initiative (DOSI) is a global network of experts which integrates science, technology, policy, law and economics to advise on ecosystem-based management of resource use in the deep ocean, and on strategies to maintain the integrity of deep-ocean ecosystems within and beyond national jurisdiction. The DOSI vision is for healthy, resilient deep-ocean ecosystems, able to contribute to the wider Earth system through their sustainable and equitable management informed by robust scientific knowledge. DOSI delivers its vision by advancing and promoting science, by informing and influencing policy, and by enhancing capacity and collaboration.

To date, the DOSI community comprises over 3,000 people from 115 countries, organised into 10 topic-specific Working Groups and served by a dedicated secretariat – the DOSI Office. DOSI is led by the DOSI Steering Committee and guided by an Advisory Board.

The text around the edges of this poster highlights how DOSI is contributing towards the seven objectives of the UN Ocean Decade Conference through proactive engagement with national, regional and global scientific and political processes. To find out more and take part in DOSI's activities, scan the QR code.



5 Planning for the 2025 UN Ocean Conference



In advance of the 2025 UN Ocean Conference, a High Level stakeholder meeting will convene in Costa Rica to exchange best-practices and successful experiences on sustainable ocean solutions at national, regional and global levels, with the participation of all relevant stakeholders. Leaders of DOSI's Task Force for the Conservation of Deep- Ocean Biodiversity will attend this event, with the aim of highlighting the plight of the deep ocean, and ensure that any proposed new ocean management or sustainable use measures do not overlook this foundation stone of the planetary ecosystem.

DOSI also intends to have a presence at the 2025 UN Ocean Conference, building upon its success at the previous UN Ocean Conference in Lisbon in 2022. DOSI welcomes any interest and contribution to its mission from all relevant stakeholders.

DOSI activities are supported by:



DOSI is hosted by:



* The DOSI Steering Committee: Maria Baker, Lisa Levin, Kristina Gjerde, Elva Escobar, Diva Arnon, Harriet Harden-Davies and Malls Gulthor, with additional support from Brandon Getz and Benadette Buitfjeld.

4 Platforms for the Promotion and Support of Decade Goals



DOSI has several platforms through which it can provide and support the solution-oriented goals of the Ocean Decade. These include its weekly Deep-Sea Round-Up, its twice-yearly Deep Sea Life magazine, and targeted Policy Briefs and Information Sheets - all of which are available on the DOSI website and circulated via its social media channels. Use QR code (left) for access.