

The Mediterranean Sea We Need for the Future We Want

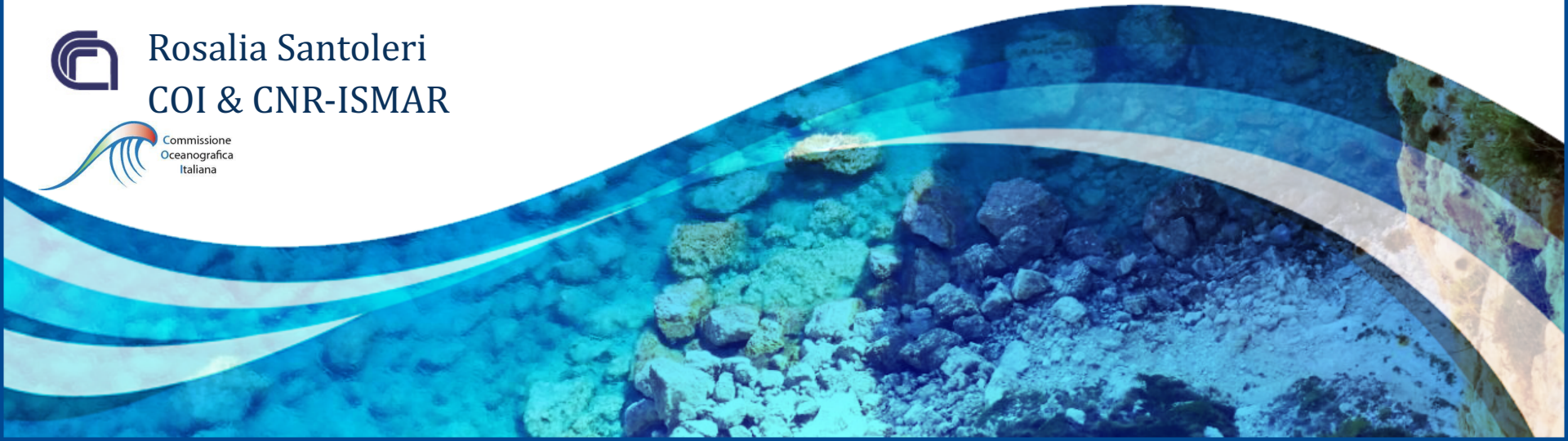
*Regional Workshop preparing the UN Decade of Ocean Science for
Sustainable Development 2021-2030
Venice, UNESCO-IOC, 21-23 January 2020*



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Commissione
Oceanografica
Italiana





Commissione
Oceanografica
Italiana



Mediterranean Action Plan
Barcelona Convention



Mediterranean Workshop

21-23 January 2020
Venice, Italy



A UNITED NATIONS DECADE OF OCEAN SCIENCE FOR SUSTAINABLE DEVELOPMENT: WHAT FOR?



To **stimulate** a global partnership on the marine science requirements needed to support the implementation of Agenda 2030



To **understand** the impacts of cumulative stressors and seek sustainable solutions for sustaining benefits from the ocean

To **share** knowledge and enhance interdisciplinary marine research capacities through the transfer of marine technology, leading to economic benefits for all Member States, particularly for Small Island Developing States and Least Developed Countries



To **gain** a better quantitative knowledge of ocean ecosystems and their contribution to society, through the whole ocean column, from the surface to the bottom

To **map** the ocean floor and its resources to support their sustainable management



#OceanDecade



United Nations
Educational, Scientific and
Cultural Organization



Intergovernmental
Oceanographic
Commission



Sustainable
Development
Goals



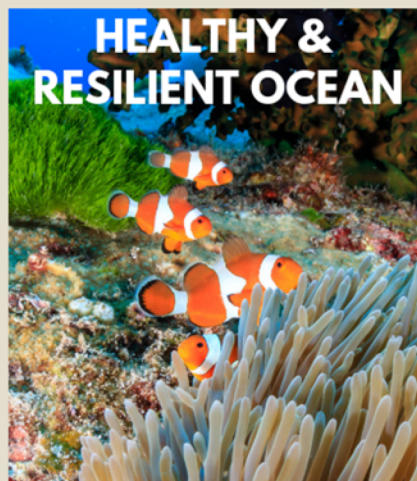
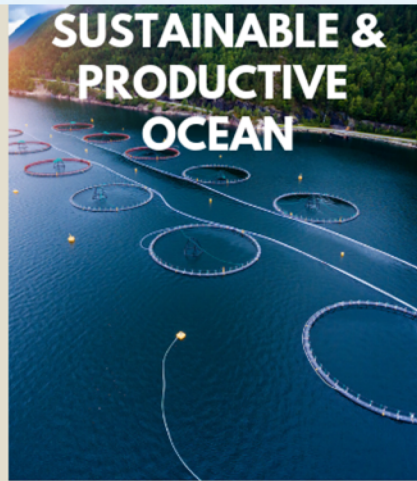
2021 2030 United Nations Decade of Ocean Science for Sustainable Development



Aims

- Define and address regional issues and science questions to **contribute to the development of the Implementation Plan of UN Decade** in order to take into consideration the regional emerging environmental and ecosystem developments, new policy requirements, latest scientific and data advances, technological breakthroughs and evolving societal demands;
- Tailoring the Decade goals by **addressing knowledge and technology gaps** for unlocking the Mediterranean Sea potential;
- Consolidate the Mediterranean blue identity **as hotspot of innovation for environmental protection and sustainable development**;
- Enhancing cooperation opportunities, **focusing on blue capacity-development and training**;
- **Structure regional leaderships** to address Mediterranean Sea key priorities in the Decade roadmap;
- Promote **continuous dialogue** among scientists, policy makers, industry, NGOs and civil society;
- Consider **best practices and other regional initiatives** and meetings **to be aligned** with the Decade;
- Identify concrete deliverables and partnerships to meet the Decade's **six societal objectives** interpreted by **declining them in the perspective of the Mediterranean Sea uniqueness**.





Format

Day 1 - OPENING & VISION

Parallel working groups: 2 co-conveners + up to 4 panelists + 2 rapporteurs + projects' pitch & **discussion**

WG I: A clean Mediterranean Sea

A clean ocean whereby sources of pollution are identified, quantified and reduced and pollutants removed from the ocean.

Fostering new ideas for integrated research to assess the human and environmental risks of ongoing and future types of pollution in the Mediterranean Sea. Generate innovative approaches to understand the fate of pollutants and provide innovative knowledge base for mitigation and remediation. Address impacts on key economy drivers in the Mediterranean Area.

WG II: A healthy & resilient Mediterranean Sea

A healthy and resilient ocean whereby marine ecosystems are mapped and protected, multiple impacts, including climate change, are measured and reduced, and provision of ocean ecosystem services is maintained.

Generate useful knowledge of the Mediterranean system physical, biogeochemical and biodiversity dynamics on climate time scales. Understand the effect of long term cumulative stressors in order to define the Basin vulnerability and support sustainable and effective Mediterranean Sea planning and management.

Working Groups Wrap-up & **discussion**

DAY 2 - PARALLEL WORKING GROUPS

WG VI: A transparent & accessible Mediterranean Sea

A transparent and accessible ocean whereby all nations, stakeholders and citizens have access to ocean data and information, technologies and have the capacities to inform their decisions.

Maximize the sharing of knowledge about the health, evolution and functioning of Mediterranean marine environment; understand the future links with economy and societal needs by ensuring the complete openness of scientific knowledge in order to support the formulation of environmental policy and management plans, unlocking ideas and innovation. Improve the "Mediterranean Sea literacy" and participatory research.

WG IV: A safe Mediterranean Sea

A safe ocean whereby human communities are protected from ocean hazards and where the safety of operations at sea and on the coast is ensured.

Marine hazards such as storm surges, tsunamis, harmful algal blooms, or coastline erosion can be devastating for coastal communities. Foster the generation of dedicated research towards the definition of integrated multi-hazard early warning systems, to improve preparedness to emergencies, supporting plans for adaptation and mitigation to climate change in the Region thus reducing the coastal risks, safeguarding population and activities at sea.

Working Groups Wrap-up & discussion

DAY 2 - PARALLEL WORKING GROUPS

WG V: A sustainable (harvested and) productive Mediterranean Sea

A sustainably harvested and productive ocean ensuring the provision of food supply and alternative livelihoods.

Define science-based safe and sustainable thresholds for economic operations in the Mediterranean Sea driving the sustainable exploitation of non-renewable resources and the resources based on the Mediterranean Sea natural and cultural heritage, in the framework of effective Mediterranean spatial planning. Encompass sustainable food production and the links between tourism and the environment in the perspective of the circular and inclusive blue economy.

WG III: A predicted Mediterranean Sea

A predicted ocean whereby society has the capacity to understand current and future ocean conditions, forecast their change and impact on human well-being and livelihoods.

How to keep the Mediterranean Sea environment under review, including its complexity and non-linearities. Provide integrated in situ and satellite observation and modelling systems by harmonizing and enhancing the current systems state on the basis of new knowledge and technological developments in observational and modelling tools, to enhance predictability.

Working Groups Wrap-up & **discussion**

Day 3
FINAL WRAP-UP FROM WGs
PANEL I - CAPACITY DEVELOPMENT AND TRANSFER OF MARINE TECHNOLOGY
PANEL II - COMMUNICATING THE DECADE
CLOSING REMARKS



UNESCO Venice Office

4.5 ★★★★★ (13)

Association or organization



Directions



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Palazzo Zorzi, Salizada Zorzi, 4930, 30122 Castello,
Venezia VE



C8PV+F6 Venice, Metropolitan City of Venice



unesco.org



Up to 160 ocean stakeholders active in the Mediterranean region will align agendas, mobilize partnerships and foster science diplomacy in the global perspective





Thank you!

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