



United Nations
Educational, Scientific and
Cultural Organization



Intergovernmental
Oceanographic
Commission

Forging an Ocean Literate society through actions at global and regional level

Francesca Santoro
Programme Specialist, IOC-UNESCO

***FUST Ocean Event, Ocean Science for a Sustainable Development Agenda
14-15 May 2018, Brussels, Belgium***

Ocean Literacy: a definition

- * Ocean Literacy means understanding the ocean's influence on you and your influence on the ocean.
- * An ocean literate person is able to:
 - * Understand the importance of the ocean to humankind
 - * Can communicate about the ocean in a meaningful way
 - * Is able to make informed and responsible decisions regarding the ocean and its resources

Ocean Literacy

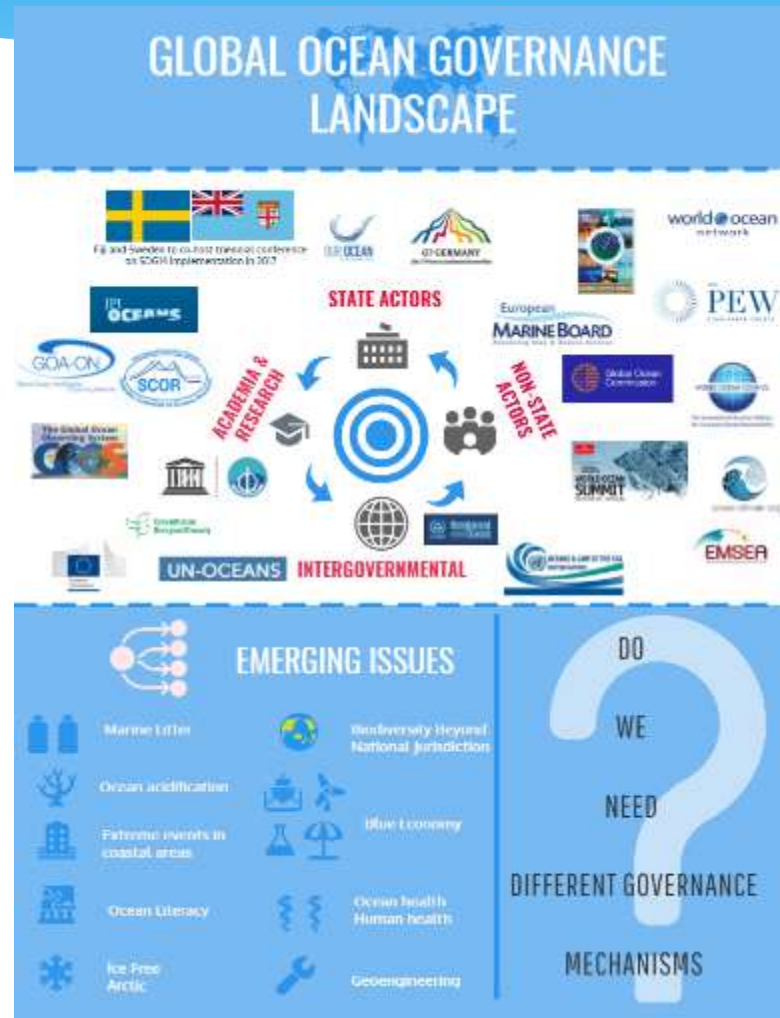
The essential principles of Ocean Literacy

1

1. The Earth has one big ocean with many features
2. The ocean and life in the ocean shape the features of the Earth
3. The ocean is a major influence on weather and climate
4. The ocean makes the Earth habitable
5. The ocean supports a great diversity of life and ecosystems
6. The ocean and humans are inextricably interconnected
7. The ocean is largely unexplored



What are the current needs?



Processes

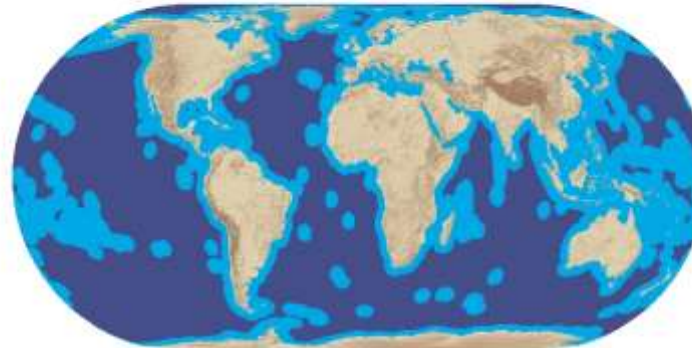
United Nations Decade of Ocean Science for Sustainable Development (2021-2030)



The United Nations has proclaimed a Decade of Ocean Science for Sustainable Development (2021-2030) to gather ocean stakeholders worldwide behind a common framework that will ensure ocean science can fully support countries in the achievement of the Sustainable Development Goal 14 on the ocean.



WORLD OCEANS



71% of Earth is covered by ocean

64% of the ocean is considered the high seas / international waters

45% of the Earth's surface is covered by the high seas

■ Jurisdictional waters
■ High seas

Source: National Geographic
<http://thetermsofproject.org>

What are the current needs?



Global Cooperation on Ocean Literacy



THE OCEAN CONFERENCE
2019 BY NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

HOME ABOUT PROGRAM CALL FOR ACTION PREP PROCESS SDG 14 VOLUNTARY COMMITMENTS DISCUSSIONS STATEMENTS ENGAGE

Ocean Literacy for all: a global strategy to raise the awareness for the conservation, restoration, and sustainable use of our ocean.
by UNESCO (United Nations entity)

DESCRIPTION SDG 14 TARGETS CATERED DELIVERABLES RESOURCES MOBILIZED

Most of us live our lives unaware of how our day-to-day actions impact on the health of the ocean, or how the health of the ocean impacts on our own daily lives. Ocean literacy is defined as an understanding of the ocean's influence on you and your influence on the ocean.


The focus of the Ocean Literacy for ALL initiative is to develop a global partnership to raise the awareness on the conservation, restoration and sustainable use of our ocean and its resources and to build an improved public knowledge base across the world's population regarding our global ocean.

Building on existing national, regional, and international ocean education initiatives, such as those conducted by the Trans-Atlantic Ocean Research Alliance, the International Consortium for Ocean Science Exploration and Engagement (COSEE), and the European and Asian Association of Marine Science Educators, this initiative aims at developing a plan to foster ocean awareness and ocean literacy education in all segments of society.

Ocean Literacy for All: Sustaining SDG 14 Goals Through Ocean Science Education and Ocean Literacy

June 6
5 - 6:30 PM
ROOM CRA

The focus of the Ocean Literacy for ALL Side Event is to further develop a global partnership to raise awareness on conservation and sustainable use of our ocean and its resources to bring about positive change in peoples' attitudes about our global ocean.



COSEE

EUROPEAN UNION

Ministry of Education, Youth and Sports

FEE

UNESCO

OCEAN FRONTIER

CIENCIA VIVA

AORA



First International Conference on OL

International Ocean Literacy Conference



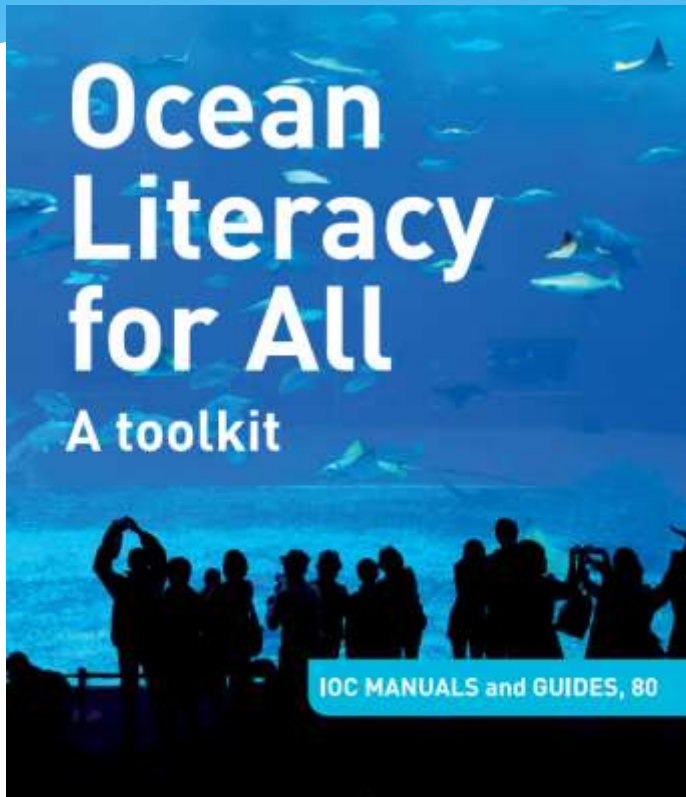
The international conference will be hosted by the UNESCO Regional Bureau for Science and Culture in Europe with the financial support of the Swedish Ministry of the Environment and Energy. It will be honoured by the presence of Gesine Meissner, Member of the European Parliament; Peter Thomson, UN Special Envoy for the Ocean; Barbara Degani, Vice-Minister of the Environment and Protection of Land and Sea of Italy; Vladimir Ryabinin, Executive Secretary of the Intergovernmental Oceanographic Commission of UNESCO; and, Francesca von Habsburg, Thyssen-Bornemisza Art Contemporary.

The conference will discuss topics covered by the UNESCO Ocean Literacy for All voluntary commitment to the June 2017 UN Ocean Conference; develop an Ocean Literacy for All road map for the next 3 years, in preparation for the next UN Ocean Conference; and, debate ways and means by which the Ocean Literacy for All initiative will best support the UN's Sustainable Development Goal 14 and develop in tune with the proposed International Decade of Ocean Science for Sustainable Development (2021-2030) - the ocean we need for the future, a voluntary commitment by UNESCO's Intergovernmental Oceanographic Commission.

Participating countries

- ▶ Austria
- ▶ Bangladesh
- ▶ Belgium
- ▶ Brazil
- ▶ Canada
- ▶ Colombia
- ▶ Costa Rica
- ▶ Cuba
- ▶ Democratic Republic of the Congo
- ▶ Egypt
- ▶ Fiji
- ▶ France
- ▶ Germany
- ▶ India
- ▶ Italy
- ▶ Jamaica
- ▶ Japan
- ▶ Maldives
- ▶ Mexico
- ▶ Morocco
- ▶ Nigeria
- ▶ Norway
- ▶ Peru
- ▶ Philippines
- ▶ Portugal
- ▶ Qatar
- ▶ Senegal
- ▶ Spain
- ▶ South Africa
- ▶ Sweden
- ▶ Switzerland
- ▶ Tunisia
- ▶ United Kingdom
- ▶ USA

Ocean Literacy for All: A toolkit



Test in 35 countries!



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UNESCO
Associated
Schools





Intergovernmental Oceanographic Commission

Ocean Literacy Portal

[Enter the Portal](#)

[What is Ocean Literacy?](#)





Intergovernmental Oceanographic Commission
Ocean Literacy Portal

English
Français

Welcome to the Ocean Literacy Portal

Sharing the World's Ocean Knowledge

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"FAR AND AWAY, THE GREATEST

More platforms



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UNESCO Global Action Programme on
Education for Sustainable Development

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Cultural Organization

Education for
Sustainable
Development



Meet the Ocean Literacy Experts [see all](#)



Regional Cooperation on Ocean Literacy

Marine Science Educators Associations



European Marine Science Educators Association (EMSEA)

The European Marine Science Educator Association (EMSEA) is an international non-profit organisation committed to boost ocean literacy in Europe. E

[Find out more](#)



National Marine Educators Association (NMEA)

National Marine Educators Association (NMEA) is a dedicated, influential member-based organization of classroom teachers, informal educators, university professors, scientists, and

[Find out more](#)



Asia Marine Science Educators Association (AMEA)

[Find out more](#)

CaNOE

Canadian Network for Ocean Education

Canadian Network for Ocean Education

CaNOE, the Canadian Network for Ocean Education, is a network for the advancement of ocean literacy in Canada.

[Find out more](#)

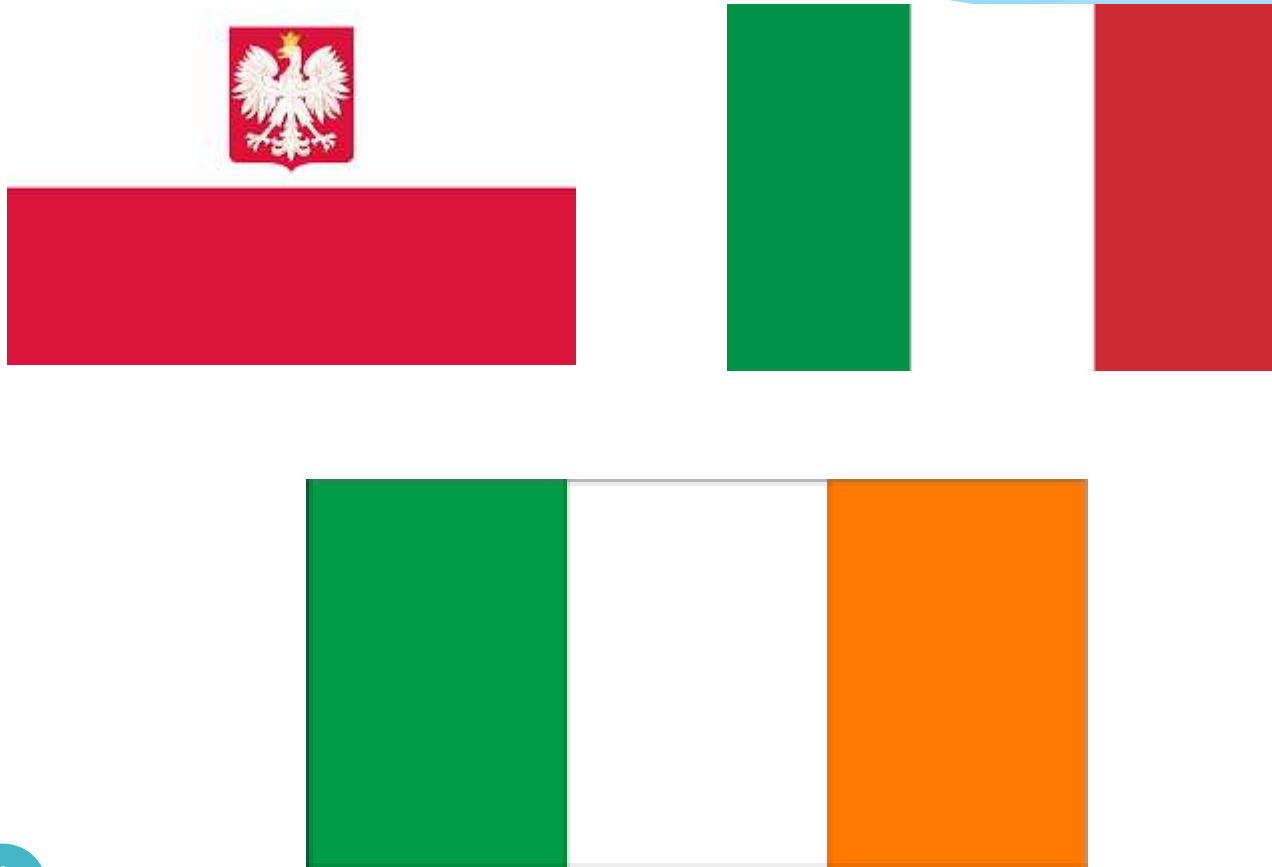


International Pacific Marine Educators Network (IPMEN)

The International Pacific Marine Educators Network (IPMEN) is a developing collective of marine educators and scientists throughout the Pacific

[Find out more](#)

Creation of national networks for OL



Support to Member States



Ho bisogno del mare perché mi insegna
P. Neruda

World Oceans Day

TRA TERRA E MARE ... SULLE ONDE DELLA STORIA

Scuola di Vela e Navigazione Storica / Museo della Marina

CESENATICO (FC)

SABATO 9-11

UNESCO
United Nations Educational, Scientific and Cultural Organization

IOC
Intergovernmental Oceanographic Commission

Partners:

- UNESCO Italia
- IOC Italia
- UNESCO World Oceans Day
- UNESCO World Ocean Atlas
- UNESCO World Ocean Summit
- UNESCO World Ocean Forum
- UNESCO World Ocean Conference
- UNESCO World Ocean Review
- UNESCO World Ocean Policy
- UNESCO World Ocean Strategy
- UNESCO World Ocean Action Plan
- UNESCO World Ocean Assessment
- UNESCO World Ocean Review Panel
- UNESCO World Ocean Review Panel of Experts
- UNESCO World Ocean Review Panel of Government Experts
- UNESCO World Ocean Review Panel of Government Experts and Academics
- UNESCO World Ocean Review Panel of Government Experts, Academics and Young Leaders
- UNESCO World Ocean Review Panel of Government Experts, Academics and Young Leaders and Civil Society
- UNESCO World Ocean Review Panel of Government Experts, Academics and Young Leaders and Civil Society and Indigenous Peoples
- UNESCO World Ocean Review Panel of Government Experts, Academics and Young Leaders and Civil Society and Indigenous Peoples and Women's Leaders
- UNESCO World Ocean Review Panel of Government Experts, Academics and Young Leaders and Civil Society and Indigenous Peoples and Women's Leaders and Youth
- UNESCO World Ocean Review Panel of Government Experts, Academics and Young Leaders and Civil Society and Indigenous Peoples and Women's Leaders and Youth and Civil Society
- UNESCO World Ocean Review Panel of Government Experts, Academics and Young Leaders and Civil Society and Indigenous Peoples and Women's Leaders and Youth and Civil Society and Indigenous Peoples



Contribution of Flemish Institutions and Experts

2018 
COMMOCEAN

Training Course



Vlaams Instituut voor de Zee



OceanTeacher Global Academy (OTGA)

Training Course: Ocean Science Communication Tools

8 December 2016, Ostend (Belgium)

2016 
COMMOCEAN

SEA CHANGE 
OUR OCEAN | OUR HEALTH



Thank you
f.santoro@unesco.org

