

UN OCEAN CONFERENCE / NICE 2025
SPECIAL EVENT, NICE JUNE 4 - 7TH, 2025

ONE OCEAN SCIENCE CONGRESS

SCIENCE FOR ACTION

An underwater scene featuring a vibrant coral reef on the left side, with numerous small, colorful fish swimming throughout the clear blue water. The overall atmosphere is serene and natural.

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JUNE 4-7, 2025, NICE

ORGANISED BY THE GOVERNMENTS
OF FRANCE AND COSTA RICA

OBJECTIVES

- PROVIDE HEADS OF STATE AND GOVERNMENTS AND CIVIL SOCIETY WITH SCIENTIFIC KNOWLEDGE ON THE OCEAN (ECOSYSTEMS, HEALTH, CONSERVATION, EXPLOITATION, CLIMATE SOLUTIONS, ...)
- EXPLORE SCENARIOS ON THE FUTURE OF THE OCEAN (EVOLUTION OF PRESSURES, RESILIENCE, RESTORATION POTENTIAL, ...)
- FORMULATE SCIENCE-BASED RECOMMENDATIONS
- ASSESS THE OCEAN'S POTENTIAL TO CONTRIBUTE TO THE MAJOR TRANSITIONS (ENERGY, ECOLOGICAL, FOOD, ...)
- OFFER VISIBILITY TO IPOS (INTERNATIONAL PANEL FOR OCEAN SUSTAINABILITY)
- PROPOSE A "OCEAN OCEAN SCIENCE CONFERENCE" FOR FUTURE UN OCEAN CONFERENCES

FROM SCIENCE TO ACTION

■ BUILDING ON EXISTING PUBLICATIONS

- IPBES AND IPCC ASSESSMENTS
- HIGH LEVEL PANEL FOR A SUSTAINABLE ECONOMY
- WORLD OCEAN ASSESSMENT III(WORK IN PROGRESS)
- STRATEGIC REVIEW OF THE UN DECADE OF OCEAN SCIENCE FOR SUSTAINABLE DEVELOPMENT (2024)
- INTERNATIONAL SCIENTIFIC PROGRAMS SUCH AS IMBER, SOLAS, GCP, ...
- INTERNATIONAL OCEAN OBSERVATION PROGRAMS AND PARTNERSHIPS SUCH AS ARGO, GOOS, CMEMS, POGO, COPERNICUS/MERCATOR

Themes of the Congress

COMPREHENSIVE THEMES

Not based on disciplines but on large-scale and cross-cutting issues

TACKLING INTERNATIONAL NEGOTIATIONS

International treaties, agenda of the Ocean Decade, UN bodies and agencies

FOCUSING ON SOLUTIONS

Providing recommendations

Draft themes

Climate and biodiversity nexus

T1— The ocean as a climate driver and source of solutions: past, present and future ocean; mitigation; adaptation; ocean acidification; interventions (carbon dioxide removal, nature-based solutions)

T2— Conserving and restoring biodiversity: marine protected areas, genetic resources, changes in habitat, invasive species, ecosystem functioning, ecosystem restoration

T3— Exploration and sustainable use of the deep sea: marine protected areas, governance and management, exploitation of mineral resources

Sustainable ocean planning and economy

T4— Energy: renewable (solar, wind, waves, thermal), decarbonation of maritime transportation

T5— Food security: fishing, mariculture, permaculture

T6— Sustainable tourism

OOS Congress, UNOC Special Event, June 2025

Ocean and human health and safety

T7— Ocean hazards: sea-level rise, coastal resilience, disaster preparedness and mitigation, geohazards

T8— Pollution, including plastic pollution, shipping, toxic microbes, invasive plants and animals

Cultural values and human interactions

T9— Indigenous and local knowledge (also cross-cutting theme)

T10— Culture, including art and underwater cultural heritage

T11— Capacity development and ocean literacy (also cross-cutting theme)

Cross-cutting themes

T12— Law, economy and governance

T13— Observation, monitoring and modeling: from cellular to Earth system modeling, digital twins, innovation and technology

T14— Marine socioecosystems: livelihood, equity, justice, ecosystem services, resilience

Participants

HIGH LEVEL CONTRIBUTIONS

The aim of this conference is to bring together high-level contributions from the global ocean science community. Particular attention will be paid to :

- diversity of disciplines that need to be mobilized for a systemic understanding of maritime issues
- coverage of themes from the coast to the open and deep sea
- representation of different ocean basins, island and coastal states, without neglecting landlocked states, as all populations are concerned by ocean issues.

TARGET

2000+ participants from around the world, with an opening to young researchers and ensuring strong participation from developing countries

GOVERNANCE

UNOC CHAIRS

- UNOC CHAIRS: H.E. OLIVIER POIVRE D'ARVOR (FRANCE) AND H.E. GINA GUILLEN (COSTA RICA), H.E. PETER THOMSON

OOSC CHAIRS

- JEAN-PIERRE GATTUSO (CNRS), FRANÇOIS HOULLIER (IFREMER)

MANAGEMENT TEAM

- CHIRAZ TALBI, XX (TBD)

ORGANISING COMMITTEE

- SILVIA CHACÓN, NATIONAL UNIVERSITY OF COSTA RICA
- JEAN-PIERRE GATTUSO, CNRS
- FRANÇOIS HOULLIER, IFREMER
- ALVARO MORALES RAMIREZ, UNIVERSITY OF COSTA RICA
- ASHOK ADICEAM, MEAE, FRANCE
- REPRESENTATIVE OF IOC-UNESCO
- REPRESENTATIVES OF FRENCH RESEARCH INSTITUTES AND UNIVERSITIES

GOVERNANCE

INTERNATIONAL SCIENTIFIC COMMITTEE

- DIVA AMON, SPESEAS (TRINIDAD AND TOBAGO)
- TAMATO A BAMBRIDGE (FRENCH POLYNESIA)
- WILLIAM CHEUNG, UNIV. BRITISH COLUMBIA (CANADA)
- SANAE CHIBA, PICES (CANADA/JAPAN)
- CARLOS DUARTE, KAUST (SAUDI ARABIA)
- THOMAS FRÖLICHER, UNIVERSITY OF BERN (SWITZERLAND)
- JEAN-PIERRE GATTUSO, CNRS, CO-CHAIR (FRANCE)
- STEFAN GELCICH, PONTIFICIA UNIVERSIDAD CATÓLICA (CHILE)
- JESSICA GEPHART, AMERICAN UNIVERSITY (USA)
- KRISTINA GJERDE, IUCN (USA)
- DEBORAH GREAVES, UNIVERSITY OF PLYMOUTH (UK)
- PETER HAUGAN, INSTITUTE OF MARINE RESEARCH (NORWAY)
- FRANÇOIS HOULLIER, IFREMER, CO-CHAIR (FRANCE)
- DAOJI LI, CHINA NORMAL UNIVERSITY (CHINA)
- KAREN MCNAMARA, UNIV. OF QUEENSLAND (AUSTRALIA)
- ARTHUR TUDA, W INDIAN OCEAN MAR. SCI. ASS. (TANZANIA)
- 1 MORE MEMBER PENDING

OUTREACH AND COMMUNICATION COMMITTEE

- CNRS COMMUNICATION OFFICER (TBD)
- IFREMER COMMUNICATION OFFICER (TBD)
- CNRS LOCAL COMMUNICATION OFFICER (TBD)

Organisation

INTERNATIONAL SCIENTIFIC COMMITTEE

- Comprising about 15 high-level scientists with expertise on all themes, balanced
- in terms of genre and geography

ORGANISING COMMITTEE

- Comprising UNOC Team (Ashok Adiceam), CNRS, Ifremer and IOC-Unesco, University of Costa Rica, National University of Costa Rica
- with links to French Universities and Research Institutes

EXECUTIVE COMMITTEE

- Led by « NICE OCEAN 25 » in charge of the overall organization of UNOC3, as well as of links with international and local institutions

Key moments before the One Ocean Science Congress, UNOC Special Event, June 2025

- July-September 2023: completion of the ISC
- December 2023: first joint meeting with IPOS
- January 2024: 1st meeting of the ISC and launch of call for abstracts
- Fall 2024: 2nd meeting of the ISC and selection of contributions, detailed outline of recommendations
- March 2025?: 3rd meeting of the ISC, finalizing recommendations
- June 2025: Scientific paper in high-visibility journal