

Ocean Science Day 2019 Open for Registration



Ocean Science Day 2019 being held 27 June, and still open for registration, is where ocean scientists, decision-makers, educators and users of ocean science and technology will meet at UNESCO in Paris to discuss how ocean science can deliver a more sustainable society.

On 5 December 2017, the [United Nations proclaimed a Decade of Ocean Science for Sustainable Development](#), to be held from 2021 to 2030. According to the UN, this decade will provide a common framework to ensure that ocean science can fully support countries' actions to sustainably manage the oceans and more particularly to achieve the 2030 Agenda for Sustainable Development. The decade will hopefully provide the opportunity to create a new foundation, across the science-policy interface, to strengthen the

management of our oceans and coasts for the benefit of humanity.

Delivering Science for the Future We Want

Ocean Science combines a variety of disciplines, such as physical, geological and chemical oceanography as well as marine biology, that study and provide data on the global marine environment (marine organisms, ecosystem dynamics, ocean currents, waves, geophysical fluids dynamics, plate tectonics and the geology of the seafloor, as well as fluxes of various chemical substances and physical properties within the ocean and across its boundaries).



Oceanic Eddies

Over the decades, Ocean Science evolved to integrate new societal needs and encourage new partnerships among oceanographers working in different disciplines leading to new discoveries about the ocean's role in climate regulation and coastal ocean processes. Ocean Science can support business operations such as the shipping industry, fisheries, and aquaculture as well as conservation and management activities or coastal communities by predicting ocean hazards preventing and mitigating disaster risks. For example, the discovery of oceanic eddies has been important for an understanding of ocean circulation, propagation of sound in the ocean, fisheries productivity, and other ocean processes.

Reverse the Cycle of Decline

The UN Decade of Ocean Science for Sustainable Development was born out of the recognition that much more needs to be done to reverse the cycle of decline in ocean health and create improved conditions for the sustainable development of the ocean, seas, and coasts.

The [First World Ocean Assessment](#) released in 2016 notes the cycle of decline in the ocean health, with changes and losses in the structure, function, and benefits obtained from marine systems. Over the coming decades, a changing climate, growing global population, and multiple environmental stressors will have significant impacts.

Detailed information: [Decade of Ocean Science for Sustainable Development](#).

<https://www.hydro-international.com/content/news/ocean-science-day-2019-open-for-registration>
