UK Decade Contributions

"Marine.Science"
Bertarelli Foundation

The Bertarelli Foundation's marine science programme (Marine.Science) was established to advance our understanding of large marine protected areas so they can be better managed. Our focus is on the Indian Ocean, where we address the protection of marine biodiversity and securing ocean health and use science to inform management and conservation in the region. Our highly collaborative and interdisciplinary projects are led by some of the world's leading marine scientists who are pushing the boundaries of their fields. We have a strong emphasis on effective and innovative communication, capacity building and increasing regional opportunities and access to marine science.

Visit: Marine.Science

"IOGP Environmental Genomics Joint Industry Programme"
The International Association of Oil & Gas Producers (IOGP)

The IOGP Environmental Genomics Joint Industry Programme (eDNA JIP) was launched in June 2019 to coordinate research aimed at exploring the application of eDNA-based analyses in environmental assessments and monitoring of oil and gas offshore and onshore operations. Oil and gas companies undertake a variety of ecological assessments aimed at characterizing and monitoring the environments in which they operate. Available conventional approaches for ecological assessment, such as direct sampling and visual/acoustic observation, tend to be more time consuming, expensive, and yield less comprehensive data. Environmental DNA (eDNA) can be used to detect organisms and estimate biodiversity. This method can help to reduce field time, sampling cost, and be less invasive while often significantly improving the information found by the assessments.

Visit: IOGP Environmental Genomics Joint Industry Programme

"IOGP Sound and Marine Life Joint Industry Programme"
The International Association of Oil & Gas Producers (IOGP)

The SML JIP, administered by IOGP, is a partnership of multiple oil and gas companies and the International Association of Geophysical Contractors (IAGC). Established in 2006, the oil and gas exploration and production industry has adopted a pro-active role to improving scientific knowledge and understanding of potential impacts associated with underwater sound, through the establishment of the Sound and Marine Life Joint Industry Programme (SML JIP). Research projects funded through the JIP are categorised into several disciplines: Sound source characterisation and propagation; physical effects of sound on the hearing system; behavioural responses and biological significance; mitigation and monitoring; development of research tools.

Visit: IOGP Sound and Marine Life Joint Industry Programme

"OSPAR Quality Status Report 2023"

OSPAR Commission

The OSPAR Quality Status Report 2023 is an ambitious holistic assessment that covers the marine environment of the North-East Atlantic and the pressures from human activities impacting it, as well as the benefits which humans derive from a healthy and thriving ocean. For the first time, OSPAR is applying a holistic conceptual framework (DAPSIR) for a certain category of assessments as a way to better understand the big picture, factor in socioeconomic aspects when assessing the state of the marine environment in the North East Atlantic and to avoid siloed assessments. The OSPAR QSR process will bring together more than 400 scientists and experts who will deliver over 130 OSPAR assessments that address key marine species and the habitats they depend on, the intensity of human activities in the sea and pressures they result in, including radioactive substances, offshore oil and gas industries, renewable energy generation, tourism and many more. Pollution from nutrients and hazardous substances, and other pressures such as marine litter or underwater noise are also addressed. Finally, the QSR 2023 will consider the impacts of climate change and ocean acidification on the North-East Atlantic.

Visit: OSPAR Commission

"Blue Food Innovation Summit"

Rethink Events

With the growing focus on our oceans as a source of sustainable proteins, the Blue Food Innovation Summit will explore the challenges in scaling aquaculture production while protecting the ocean ecosystem. Bringing together aquaculture producers, suppliers, start-ups and investors, the two-day summit will encourage collaboration and partnership between stakeholders across the value-chain.

Visit: Blue Food Innovation

"Royal Society Ocean Science Policy Programme"

The Royal Society

The programme aims to facilitate the transfer of knowledge between academia and policy. The programme will provide a platform for early career researchers (ECRs) and early career ocean professionals (ECOPs) in marine science to understand the broader utility of their work, notably in policy making, and enhance their networks both with other academics and with policy makers. Through the programme this Decade Implementing Partner will offer ECRs insight into how their work can influence science policy, and create opportunities for the identification, generation, and use of critical knowledge to meet the goals of the Ocean Decade. The programme also aims to provide policy makers with access to expertise to inform ocean policy in the context of the Ocean Decade.

Visit: Royal Society Ocean Science Policy Programme

"Decade Collaborative Centre for the Southern Ocean Region (DCC-SOR)"

Scientific Committee on Antarctic Research

SCAR is an international scientific organization established under the International Science Council. The primary objective of SCAR is to initiate, develop, and coordinate high-quality international scientific research in the Antarctic and Southern Ocean region and to provide advice to policymakers, specifically the Antarctic Treaty System, on issues related to the region. SCAR is governed by a council, which is composed of Delegates from member countries and several of the Scientific Unions of the International Science Council that are members of SCAR.

Visit: Decade Collaborative Centre for the Southern Ocean Region

Decade Implementing Partnership

The Royal College of Art

The Royal College of Art (RCA) is a British public research institution, which operates internationally from its base in London, UK, and is recognised as one of the world's premier arts and design universities. The RCA will partner with the Ocean Decade as a Decade Implementing Partner (DIP) to create a world class fit-for-purpose co-design and stakeholder engagement platform, specifically focusing on tackling Decade Challenges 2, 4 and 10. As a DIP, RCA will support and improve connecting scientific data (and knowledge) to community actions by generating inclusive innovative design solutions with stakeholders including scientists, government, policy makers, NGO's, institutions, global north and global south communities. RCA will combine design methods with cross-disciplinary collaboration to make a positive impact on ocean ecosystems and biodiversity, on the ocean economy and on society's relationship with the ocean.

Visit: Royal College of Art

Decade Implementing Partnership

Partnership for Observation of the Global Ocean (POGO)

The Partnership for Observation of the Global Ocean (POGO) was founded in 1999 by directors of oceanographic institutions around the world as a forum to promote and advance the observation of the global ocean. POGO is a UK-registered charity with member institutions from around the world, and works closely with other international and regional programmes and organisations.

Visit: POGO Ocean

Decade Implementing Partnership

One Ocean Hub

One Ocean Hub is an international program of research for sustainable development, working towards inclusive decision making whereby both people and the ocean can flourish. The Hub aims to transform humanity's response to the urgent challenges facing our ocean. It strives to influence decisions and practices that shape the future of the ocean by promoting sustainability, justice, and respectful relationship to Indigenous and local knowledge. Hub's research seeks to bridge current disconnections in law, science, and society. It integrates governance frameworks to balance multiple ocean uses with conservation.

Visit: One Ocean Hub

Unpath'd Waters

Historic England

The UK's marine heritage is extraordinarily rich. Wrecks range in date from the Bronze Age to the World Wars. Much earlier, the North Sea was dry land, peopled by prehistoric communities living in lowland landscapes and on very different coasts. This arc of heritage is represented by an abundance of collections telling us different things about our marine legacy. But they are dispersed, held in different archives. unconnected and inaccessible. Unpath'd Waters brings together universities, heritage agencies, museums, charitable trusts and experts to join these collections up. It is using Artificial Intelligence to devise new ways of searching across newly linked collections; simulations to help visualise the wrecks and landscapes; and science to help identify wrecks and find out more about them. It will deliver integrated management tools to help protect heritage and enable the public to co-design new ways of interacting with marine heritage and enhance it from their own collections.

Visit: Unpath'd Waters

LCC The Climate Academy x The Ocean Decade Brief

University of the Arts London

London College of Communication, part of the University of the Arts London, is supporting the mission of the UN Decade of Ocean Science for Sustainable Development by contributing to decade challenge 10: 'Change humanity's relationship with the ocean'. Connecting ocean science with the arts and creative education to address key ocean communications challenges. A brief developed by UNESCO's Strategic Communications Group will launch in the creative curriculum as part of a new London College of Communication postgraduate programme, The Climate Academy. Over 150 students from media, screen, and design disciplines will collaborate in teams guided by their expert academics, to develop a selection of collaborative, interdisciplinary creative solutions in response to the brief.

The collaboration will look to offer access to the insight of our internationally diverse students and series of innovative creative projects that have the potential to advance goal 10 of the ocean decade; form connections between our students and UNESCO's Early Career Ocean Professionals team to offer their creative expertise on ongoing Ocean Decade projects; educate and engage a generation of young creative individuals by driving understanding of the ocean's pivotal role in combatting climate change.

Visit: Climate Academy x Ocean Decade

ICRI Plan of Action 2021 - 2024

International Coral Reef Initiative

Recognising the window for protecting our coral reef ecosystems is narrow and closing, ICRI members and the Secretariat will work to highlight the critical and urgent need for action at all levels – local, national, regional, and global, to better incorporate science in our actions, strengthen leadership and emerging technologies, while promoting collaboration and communication among stakeholders. Through the "Plan of Action 2021 – 2024: Turning the Tide for Coral Reefs", ICRI will: reach out to Indigenous Peoples and local communities to ensure their knowledge and intrinsic values of coral reefs are appropriately reflected; new technologies to augment existing monitoring efforts to provide greater understanding of coral reef health/conditions and enable managers to be more responsive to climate change impacts; and take every opportunity to raise the plight of coral reefs and the actions that can be taken at local, regional, and global levels to secure their protection and recovery.

Visit: ICRI