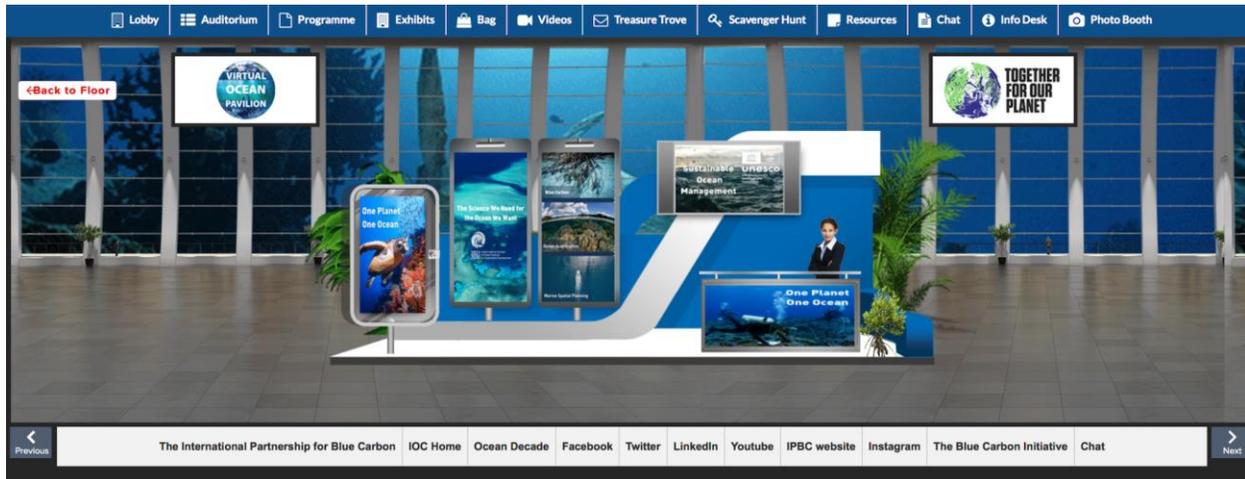


COP26 VIRTUAL OCEAN PAVILION EXHIBITS

IOC-UNESCO



Description

Our work on Climate - The Intergovernmental Oceanographic Commission (IOC) of UNESCO is at the forefront of climate science and knowledge that inform and underpin meaningful actions to counteract climate change. Ocean Decade - Leading the implementation of the UN Ocean Decade (2021-2030), with its main mission to generate transformative ocean science solutions for sustainable development, connecting people and our ocean. The Decade provides a 'once in a lifetime' opportunity to create a new foundation for the scientific community, governments, civil society, and the UN system to strengthen the management of our oceans and coasts for the benefit of humanity. Climate Research - The World Climate Research Programme (WCRP) – an endeavor of IOC, the World Meteorological Organization (WMO) and the International Science Council (ISC) – acts as an authoritative international platform to craft and implement the next generation of the research agenda on climate and climate change. WCRP is also responsible for developing the models on which the Intergovernmental Panel on Climate Change (IPCC) bases its scenarios and, therefore, negotiations and decisions on climate change are based. Ocean Acidification - IOC conducts work on the effects of CO₂ emissions on ocean acidification and acts as a custodian agency for SDG Target Indicator 14.3.1 on ocean acidity. Blue Carbon - IOC coordinates the International Partnership for Blue Carbon and co-hosts the Blue Carbon Initiative, contributing to climate change mitigation and adaptation, biodiversity and livelihoods. Marine Spatial Planning - IOC supports its Member States to develop and implement Marine Spatial Planning (MSP), which is a public process that aims to achieve ecological, social and economic objectives through multi-stakeholder dialogues and transdisciplinary knowledge. Its new international guide on MSP - jointly developed with the European Commission - highlights the need of MSP plans to adopt a 'climate-

smart MSP' approach that includes objectives related to climate change responses, as well as uses data and knowledge about climate change impacts on marine ecosystems and human uses to develop resilient scenarios for the maritime domain. Within this context, IOC has supported the UN Global Compact (UNGC) initiative of developing a 'Roadmap to Integrate Offshore Renewable Energy in a Climate-Smart Marine Spatial Plan.' Ocean Carbon - Faced with the urgent need to find answers to this and other crucial scientific questions, five international research programmes on ocean and climate interaction (IOCCP, IMBeR, SOLAS, WCRP/CLIVAR and the Global Carbon Project) have joined IOC to develop and agree on a roadmap for future research, with the ultimate goal of providing decision-makers with the knowledge needed to implement effective climate change mitigation and adaptation policies in the next ten years. Ocean Observations - IOC, WMO, the International Science Council (ISC) and the UN Environment Programme (UNEP) co-sponsor the Global Ocean Observing System (GOOS), which provides an increasingly comprehensive platform to integrate in situ and remote observations of the status of the world ocean and climate and climate change. Ocean Hazards - The IOC portfolio of activities on early warning systems of tsunami events and other ocean hazards entails inter alia systematic observations of sea level and changes therein, which is of direct relevance to vulnerability and risks of coastal communities and ecosystems related to the effects of climate change. Ocean Deoxygenation - The Global Ocean Oxygen Network – IOC working group: The Network's scientific work, outreach, and capacity building efforts include facilitating communication with other established networks and working groups (e.g. IOCCP, GOOS, IGMETS, GOA-ON, GlobalHAB, WESTPAC O2NE), improving observation systems, identifying and filling knowledge gaps, as well as developing related capacity development activities. GO2NE is moreover preparing a summary on deoxygenation for policy makers. In collaboration with SFB754, it recently initiated the news site ocean-oxygen.org to provide information on deoxygenation to scientists, stakeholders and the interested public.

The International Partnership for Blue Carbon: <https://www.youtube.com/watch?v=V3HahaZf1EM>

IOC Home: <https://ioc.unesco.org>

Ocean Decade: <http://oceandecade.org>

Facebook: <https://www.facebook.com/locUnesco/>

Twitter: https://twitter.com/locUnesco?s=20&t=Xfvl5mV6e-lyGGKogtB_uw

LinkedIn: <https://www.linkedin.com/company/ioc-unesco>

Youtube: <https://www.youtube.com/c/UNESCO/featured>

IPBC Website: <https://bluecarbonpartnership.org>

Instagram: https://www.instagram.com/ioc_unesco/?hl=en

The Blue Carbon Initiative: <https://www.thebluecarboninitiative.org>

Videos

1. Ocean Acidification Research for Sustainability (OARS): <https://www.youtube.com/watch?v=sbP9HU47R9A>
2. IOC animation: <https://www.youtube.com/watch?v=YyiuLwhUpH4>

3. Ocean Decade animation: <https://www.youtube.com/watch?v=EO2Un-6nIS4&t=4s>
4. Global Ocean Science Report video: <https://www.youtube.com/watch?v=bGfo9P7fY2M>
5. GOOS video: <https://www.youtube.com/watch?v=Lffxe2TOflU>
6. OARS video: <https://www.youtube.com/watch?v=sbP9HU47R9A&t=5s>
7. MSP: <https://www.youtube.com/watch?v=-HnhfDkcxHQ>
8. Ocean Literacy Principles playlist: <https://www.youtube.com/watch?v=y-aGjNdWuQk>
9. IOC youtube playlist: <https://www.youtube.com/watch?v=FCfZ6828i7k>

Documents

1. IOC Institutional Brochure: <https://vepimg.b8cdn.com/uploads/vjfnew/6281/content/docs/1634738844247687eng-pdf1634738844.pdf>
2. Ocean Decade Brochure: <https://vepimg.b8cdn.com/uploads/vjfnew/6281/content/docs/1634738898265198eng-pdf1634738898.pdf>
3. Global Ocean Science Report: <https://vepimg.b8cdn.com/uploads/vjfnew/6281/content/docs/1634742284375147eng-pdf1634742284.pdf>
4. Declining Oxygen in the World's Ocean and Coastal Waters: <https://vepimg.b8cdn.com/uploads/vjfnew/6281/content/docs/1634742448265196eng-pdf1634742448.pdf>
5. International Guide on Marine Spatial Planning: <https://vepimg.b8cdn.com/uploads/vjfnew/6281/content/docs/1634742651379196eng-pdf1634742651.pdf>
6. Ocean Literacy Toolkit: <https://vepimg.b8cdn.com/uploads/vjfnew/6281/content/docs/1634742795260721eng-pdf1634742795.pdf>
7. Climate change and Marine Spatial Planning Policy Brief: <https://vepimg.b8cdn.com/uploads/vjfnew/6281/content/docs/1634743113375721eng-pdf1634743113.pdf>
8. Integrated ocean carbon research: a summary of ocean carbon research, and vision of coordinated ocean carbon research and observations for the next decade: <https://vepimg.b8cdn.com/uploads/vjfnew/6281/content/docs/1634802391376708eng-pdf1634802391.pdf>
9. Blue Carbon. Integrating Ocean Ecosystems in Global Climate Action: <https://vepimg.b8cdn.com/uploads/vjfnew/6281/content/docs/1634807115blue-carbon-integrating-ocean-ecosystems-october-2021a-pdf1634807115.pdf>
10. Building knowledge to weave the protection and restoration of coastal Blue Carbon ecosystems into decision making on mitigation and adaptation to climate change:

- <https://vepimg.b8cdn.com/uploads/vjfnew/6281/content/docs/1634807184bci-ipbc-poster-pdf1634807184.pdf>
11. IPBC Flyer:
<https://vepimg.b8cdn.com/uploads/vjfnew/6281/content/docs/1634807359flyer-ipbc-june-2021-pdf1634807359.pdf>
 12. Ocean Acidification Research for Sustainability (OARS) factsheet:
<https://vepimg.b8cdn.com/uploads/vjfnew/6281/content/docs/1634827579oars-factsheet-pdf1634827579.pdf>
 13. Global Ocean Oxygen Decade (GOOD) factsheet:
<https://vepimg.b8cdn.com/uploads/vjfnew/6281/content/docs/163525610376-global-ocean-oxygen-decade-good-factsheet-pdf1635256103.pdf>
 14. Let the ocean breathe again – Responding to ever-increasing need to protect and sustainably manage ocean services by fully harnessing the expanding volumes of ocean oxygen data poster:
<https://vepimg.b8cdn.com/uploads/vjfnew/6281/content/docs/1635256133deox-poster-cop26-ioc-v3-pdf1635256133.pdf>
 15. GOOS:
<https://vepimg.b8cdn.com/uploads/vjfnew/6281/content/docs/1635493405update-d-goos-cop26-pdf1635493405.pdf>
 16. Coastal Blue Carbon Ecosystems in international frameworks and conventions. Overview report:
<https://vepimg.b8cdn.com/uploads/vjfnew/6281/content/docs/1635497015ipbc-overview-report-on-coastal-blue-carbon-ecosystems-in-international-frameworks-and-conventions-2021-oct-pdf1635497015.pdf>
 17. UNESCO Marine World Heritage: Custodians of the globe's blue carbon assets:
<https://vepimg.b8cdn.com/uploads/vjfnew/6281/content/docs/1636018914375565-eng-pdf1636018914.pdf>