WORLD OCEAN COUNCIL

The International Business Alliance
for Corporate Ocean Responsibility

News Release

BIOFOULING AND OFFSHORE WIND ENERGY STRUCTURES – GLOFOULING PROJECT WEBINAR

WOC Announces Event on Offshore Wind Energy Structures, Corrosion and Biofouling: 5 May

27 April 2020

The World Ocean Council (WOC) – the lead GloFouling Project Partner for engaging the global ocean business and investment community – invites interested parties to the GloFouling Webinar: "Managing Corrosion and Biofouling on the Offshore Monopile Supports for Wind Turbines", 5 May at 3:00pm (BST).

The webinars are part of the GEF-UNDP-IMO GloFouling Partnerships Project which is working to better understand and tackle the multi-sectoral challenge of biofouling and its impacts on marine biodiversity and the Sustainable Blue Economy.

Two of the major challenges to operating in marine environments are biofouling and corrosion. Biofouling is considered to be undesirable, however these organisms provide important ecosystem services and there are opportunities to design marine structures that work in synergy with the environment.

This webinar presents research that investigated a new concept for offshore wind monopile design to address corrosion within monopiles interiors and also create habitat for marine life. The approach introduces perforations that promote the free circulation of seawater, control corrosion by conventional cathodic protection design and increase habitat for marine life. Test results demonstrated that cathodically protected perforated steel pipe creates an environment with improved corrosion mitigation, water chemistry and a diverse population of settled and mobile organisms.

At a time when the health of marine environments is under increasing pressure, there is an opportunity to design structures that enhance local ecologies and provide ecosystem services in terms of fisheries, nutrient cycling and carbon fixation.

Click here to register for the webinar.
The webinar is open to all participants free of charge.

For more information, visit https://www.glofouling.imo.org/webinars.

Recent and Upcoming WOC Outreach and Engagement

21 April, 15:00-16:00 CEST, Online Webinar
SEA20 – Weathering the Storm: COVID 19, Port Cities and Maritime Industries (Panel Speaker)
https://www.sea20.org/read/weathering-the-storm-while-preparing-for-a-leap

19 May, 9:00-10:00 CEST, 20:00-21:00 CEST, Online Webinar
International Union of Marine Insurers (IUMI) – WOC Briefing on the New U.N. Ocean Treaty: Biological Diversity of Areas Beyond National Jurisdiction (BBNJ) (Speaker)

28 June-1 July, STAMFORD, USA
CMA Shipping 2020 (Plenary Speaker on Law of the Sea/BBNJ Treaty)
https://informaconnect.com/cma-shipping/

TBC, NEW YORK
U.N. Law of the Sea, BBNJ Treaty – 4th (Final) Negotiation Session on the international, legally binding instrument under the U.N. Convention on the Law of the Sea re the conservation and sustainable use of marine biological diversity of areas beyond national jurisdiction (BBNJ) (Industry Representative)

TBC, BRUSSELS
4th Meeting of the EU Marine Knowledge Expert Group (Participant)

World Ocean Council (WOC) – The Global Blue Economy Business Organization

The WOC is the international, cross-sectoral alliance for private sector leadership, collaboration and action on ocean sustainability, stewardship and science. Companies from a range of industries worldwide are distinguishing themselves as leaders in "Corporate Ocean Responsibility", including: shipping, oil and gas, tourism, fisheries, aquaculture, mining, renewable energy, ocean technology and investment.

WOC Members are listed here, a part of the WOC Network of 35,000+ ocean industry stakeholders around the world. The WOC is a registered not-for-profit organization in the US, UK and France.

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