



Digital Ocean Forum 2024

High-Level Event

Programme

13 June 2024

10:00 – 17:00 CET

Palace of the Academies

Rue Ducale 1

1000 Brussels

In-person and online

Draft Programme

13 June – Palace of the Academies

The European Digital Twin Ocean: A leap in ocean knowledge & sustainable action	
10:00 – 10:10	Welcome and Introduction to the Digital Ocean Forum 2024 <i>Katrina Sichel, Master of Ceremony</i>
10:10 – 10:40	High-Level Interventions <i>Iliana Ivanova, Commissioner for Innovation, Research, Culture, Education and Youth, European Commission</i> <i>Johan Hanssens, Secretary-General, Flanders Department for Economy, Science and Innovation</i> <i>Olivier Poivre d'Arvor, French Ambassador for the Poles and the Oceans</i> <i>Pascal Lamy, Chair of the Board of the EU Mission Restore our Ocean and Waters</i>
10:40 – 10:45	Video: The European Digital Twin of the Ocean
Exploring the capabilities of the European Digital Twin Ocean	
10:45 – 10:55	Unveiling the European Digital Twin Ocean prototype <i>Kestutis Sadauskas, Deputy Director-General for Maritime Affairs and Fisheries, European Commission</i>
10:55 – 11:20	European Digital Twin Ocean Demonstrations and 3 visual showcases <i>EDITO: the European Digital Twin Ocean public infrastructure, Pierre Bahurel, Copernicus Marine Service, Mercator Ocean International</i> <ol style="list-style-type: none">1. Safeguarding marine environments and coastal communities from plastic pollution – <i>Simon Von Gennip, Mercator Ocean International</i>2. Nature Based Solutions – <i>Kelli Johnson, Hereon</i>3. Unravelling marine food webs towards marine biodiversity conservation, an EDITO-Blue Cloud cooperation – <i>Sara Pittonet Gaiarin, Trust IT Services</i>
11:20 – 12:00	Panel “Digital Twin Ocean: a game changer for Ocean knowledge and action”. <i>Kate Larkin, EMODnet, Seascope Belgium</i> <i>Thomas Klein, Swedish Agency for Marine and Water Management</i> <i>Marilaure Grégoire, University of Liège</i> <i>Carlota Muñiz, Flanders Marine Institute, DTO Bio-Flow</i> <i>Margherita Cappelletto, Ministry of Universities and Research, Italy, Sustainable Blue Economy Partnership</i>
12:00 – 13:30	<p style="text-align: center;"><i>Lunch break</i> <i>Attendees are invited to see the exhibition/booths</i></p>

A community vision for the European Digital Twin Ocean: Weaving a thriving ecosystem of interoperable digital twins in support of the EU Green Deal, Mission Ocean & the UN Agenda 2030	
13:30 – 13:40	<p>Keynote <i>Thomas Skordas, Deputy Director-General for Communications Networks, Content and Technology, European Commission</i></p>
13:40 – 14:00	<p>Current Digital Twins developments 3 TEDx-like pitches from initiatives selected through a call for expression of interest</p> <ol style="list-style-type: none"> 1. Prediction and adaptation to rising seas and climate change (LISCOAST), Michail Vousdoukas, Joint Research Centre 2. Monitoring water quality for oyster aquaculture in the Galway Bay (BIODIVERCOAST), Tomasz Dabrowski, Marine Institute Ireland 3. Early warning system for meteo-tsunamis in the western Mediterranean, Emma Reyes, SOCIB
14:00 – 14:45	<p>Panel “an ecosystem of interoperable twins” Representatives of national & international initiatives</p> <p><i>Evangelos Spyrakos, University of Stirling, DOORS project</i> <i>Lodewijk Abspoel, Ministerie van Infrastructuur en Waterstaat of The Netherlands, Digitwin North Sea and MSP challenge</i> <i>Pierluigi Buttigieg, Alfred Wegener Institute, UN Ocean Decade, ODIS and Ocean InfoHub</i> <i>Lou Masson, Grand Port Maritime de Bordeaux, Jumeaux numériques du fleuve (JNDF)</i></p>
14:45 – 15:15	<p><i>Coffee Break</i> <i>Attendees are invited to see the exhibition/booths</i></p>
The future of the European Digital Twin Ocean: Your Ocean, Your Twin	
15:15 – 15:35	<p>Keynotes <i>Timo Pesonen, Director-General for Defense Industry and Space, European Commission</i> <i>Florika Fink-Hooijer, Director-General for Environment, European Commission</i></p>
15:35 – 15:45	<p>Short pitches (I): “What will the future look like?”</p> <ul style="list-style-type: none"> • <i>Joanna Staneva, Hereon, OLAMUR</i> • <i>Hans Polet, Flanders Institute for Agriculture, Fisheries and Food Research (ILVO), ILIAD</i> • <i>Francisco Campuzuno, CoLAB +Atlantic, Pipeline-DITO</i>
15:45 – 15:55	<p>Keynote: a vision for the European Digital Twin Ocean <i>Nadia Pinardi, Decade Collaborative Center for Coastal Resilience, University of Bologna</i></p>

15:55 – 16:40	<p>Panel “The long-term vision for the European Digital Twin Ocean” Early Career Ocean Professionals, citizen initiatives, societal and ethical aspects, users</p> <p><i>Wilco Hazeleger, University Utrecht, DestinE Scientific Advisory Board</i> <i>Tony Candela, Mercator Ocean, ECOPS</i> <i>Jackie Ashkin, University of Leiden, ECOPS</i> <i>Franziska Stressmann, European Citizen Science Association, OTTERS project</i> <i>Mariluz Parga, SUBMON, citizen science</i></p>
16:40 – 16:50	<p>Short pitches (II): “What will the future look like?”</p> <ul style="list-style-type: none"> • <i>Till Rasmussen, Danish Meteorological Institute, NOrdic CryOSphere Digital Twin</i> • <i>Igor Mayer, Breda University, ILIAD</i> • <i>Jan Stahlberg, Siliconhagen</i>
Closure	
16:50 – 17:00	<p>Conclusion speech</p> <p><i>John Bell, Director Heathy Planet, DG Research and Innovation, European Commission</i></p>
Networking Reception	