

7. OCEAN FORUM

Invitation and Program

January 23rd, 2024

17.00h-18.15h

Hall 11 / E 04

Messe Düsseldorf GmbH, Messeplatz,
Stockumer Kirchstraße 61,
40474 Düsseldorf, Germany

The science we need for the ocean we want: the United Nations Decade of Ocean Science for Sustainable Development (2021-2030)

Welcome

1	Keynote	Dr. Sylvia A. Earle	Former Director / National Oceanic and Atmospheric Administration (NOAA)	
2	Ocean Observation – The key element of marine knowledge	Andreea Strachinescu	Head of Maritime Innovation, Marine Knowledge and Investment (Unit A1) / European Commission	A predictable ocean
3	Shedding light on the divergent drivers of greenhouse gas (CO₂, CH₄, N₂O and N₂) variability along two large running water ecosystems	Dr. Hannes Imhof	Senior Scientist and Project Coordinator / Karlsruhe Institute of Technology	A predictable ocean
4	MarineShift360: Shaping Tomorrows Marine Industry through Data-Driven Design Today	Tim Mollenhauer	Environmental Consultant / Anthesis Group	A productive ocean
5	Oases of biodiversity - Uncovering threatened stony reefs in the North Sea	Franziska Saalmann	Oceans campaigner and marine biologist / Greenpeace Germany e.V.	A healthy and resilient ocean

6	The sea begins on our doorstep - Why we do cleanups	Christian Stock	Founder and 1st Chairman / K.R.A.K.E.	A clean ocean
7	Let's go plastic fishing!	Rodrigo Butori	Founder and Chief Angler / Plastic Fisherman	A clean ocean
8	The German Marine Research Alliance and its contribution to the UN Oceandecade	Dr. Annkatrin Lehmann	Managing Director / German Marine Research Alliance	An accessible ocean
9	Out of sight, out of mind - Military contaminated sites in the North and Baltic Sea	Dr. Wolfgang Sichermann	Managing Director / Seascope GmbH	A safe ocean
10	What's your superpower?	Emily Penn	Founder / eXXpedition	An inspiring and engaging ocean
11	Sustaining the Future: The Significance of Life Underwater	Deniz Vural	Secretary / Environmental Sustainability Rotary Action Group (ESRAG)	An inspiring and engaging ocean
12	WannSea - A student-made boat making a change on sustainable yachting!	Clara Heinrichs	Bachelor student / Technical University of Berlin	An inspiring and engaging ocean

Followed by a networking event supported by boot Düsseldorf

Moderation: Laura Meyer, LLM Candidate Public International Law / Utrecht University

Supported by:



present the
Ocean Forum
2024

Speakers:



Dr. Sylvia A. Earle
*Former Director / National
Oceanic and Atmospheric
Administration (NOAA)*



Andreea Strachinescu
*Head of Maritime Innovation,
Marine Knowledge and
Investment (Unit A1) /
European Commission*



Dr. Hannes Imhof
*Senior Scientist and
Project Coordinator /
Karlsruhe Institute of
Technology*



Tim Mollenhauer
*Environmental
Consultant / Anthesis
Group*



Franziska Saalman
*Oceans campaigner and
marine biologist /
Greenpeace Germany e.V.*



Christian Stock
*Founder and 1st Chairman /
K.R.A.K.E.*



Rodrigo Butori
*Founder and Chief
Angler / Plastic
Fisherman*



**Dr. Annekatrin
Lehmann**
*Managing Director / German
Marine Research Alliance*



**Dr. Wolfgang
Sichermann**
*Managing Director /
Seascope GmbH*



Emily Penn
Founder / eXXpedition



Deniz Vural
*Secretary / Environmental
Sustainability Rotary
Action Group (ESRAG)*



Clara Heinrichs
*Bachelor student /
Technical University
of Berlin*



**Tuesday,
23rd of January 2024**



From 17.00h to 18.15h



**Hall 11 / E 04,
Water Pixel World**

Ocean Decade Mission

*"to catalyse
transformative
ocean science
solutions
for sustainable
development,
connecting people
and our ocean"*

Moderated by:



Laura Meyer
*LLM Candidate
Public International
Law / Utrecht
University*

More about the Ocean Forum speakers and their projects:

Dr. Sylvia A. Earle



Dr. Sylvia A. Earle is an oceanographer, researcher, author and lecturer. Earle, formerly Chief Scientist at NOAA, is founder of Deep Ocean Exploration and Research, Inc. and founder of Mission Blue and SEAlliance. She holds a PhD. from Duke University and 22 honorary degrees. Earle has led more than a hundred expeditions and spent more than 7,000 hours underwater. Her research concerns marine ecosystems with particular reference to exploration, conservation, and the development and use of new technologies for access and effective operations in the deep sea and other remote environments. With her global coalition Mission Blue, she inspires an upwelling of public awareness, access and support for a worldwide network of marine protected areas - Hope Spots.

Andreea Strachinescu



Andreea Strachinescu, Head of Unit Maritime Innovation, Marine Knowledge and Investment in the Directorate General for Maritime Affairs and Fisheries, is responsible for promoting innovative and emerging technologies and solutions, and ensuring broad dissemination of marine knowledge and research. The Unit she manages fosters innovation and provides policy input to Horizon Europe research and innovation programme, and it aims to create a better understanding of the ocean resources and advocate their sustainable use. It is also in the lead for providing policy input to the investments strategies for the blue economy. Prior to this position, Ms. Strachinescu was Head of Unit responsible for New Energy Technologies and Innovation in the Directorate General for Energy, European Commission, in charge with the development of policy and actions on non-nuclear energy research and innovation.

Dr. Hannes Imhof



Hannes Imhof is a scientist with long-lasting experience in monitoring aquatic environments from multiple perspectives. Additionally, he is strongly interested in the education of ecological interrelations in our changing world. He is currently working as a scientific coordinator within the BMBF-funded project Integrated Greenhouse Gas Monitoring System for Germany (ITMS) at the Karlsruhe Institute of Technology (KIT), Institute of Meteorology and Climate Research in Garmisch-Partenkirchen.

Tim Mollenhauer



Tim Mollenhauer, based in Frankfurt, Germany, serves as a consultant at Anthesis GmbH. After completing his boatbuilding apprenticeship, he earned an M.Sc. in Physical Geography from Goethe University, with a focus on biogeography, hydrology, and social ecology. Joining Anthesis in 2023, Tim is an Environmental Consultant, specializing in Environmental Due Diligence, sustainability services, and Life Cycle Assessments (LCA) especially in the marine industry. His expertise extends to Environmental Social Governance (ESG) compliance and nature and biodiversity-related services, including SBTN and strategy.

Franziska Saalmann



Franziska Saalmann is a marine biologist who has done research on tropical coral reefs, biodiversity of sharks and rays and worked for German authorities on federal marine protection before she started as an oceans campaigner for Greenpeace Germany e.V.

Christian Stock



Christian Stock is a German TV actor and the founder of KRAKE e.V. While shooting a movie in Nepal, he witnessed the litter along the riverside. Inspired to make a change, he initiated a significant cleanup movement in Cologne.

More about the Ocean Forum speakers and their projects:

Rodrigo Butori



Rodrigo Butori believes in creativity as a transformational force. In his eyes, the act of creation, be it visuals, writing, or sound, connects with a fundamental human desire to build, grow, and enhance both personal and communal aspects of life. This belief manifested in creating and leading Plastic Fisherman — an Instagram project leveraging community, creativity, and art to raise awareness about marine plastic pollution. It stands as a personal contribution to the ocean, a fundamental aspect of his life, utilizing lessons he has learned during his decades-long career as an advertising professional.

Dr. Annekatriin Lehmann



Annekatriin Lehmann has been Managing Director of the German Marine Research Alliance since 2022 and Head of research since 2019. Against this background, and as an environmental engineer with many years of experience in sustainability analysis and a love of the sea, the UN Ocean Decade has a special significance for her.

Dr. Wolfgang Sichermann



Wolfgang Sichermann has been coordinating the immediate action programme for munitions waste on behalf of the Federal Ministry for the Environment since 2022. Previously, he was Managing Director of the German Maritime Centre and worked in research and development at thyssenkrupp Marine Systems. Wolfgang studied shipbuilding and marine engineering at the Technical University of Hamburg and the Massachusetts Institute of Technology and holds a doctorate in mechanics.

Emily Penn



Emily Penn is a skipper and impassioned environmental expert who spent a decade at sea leading expeditions that changed science and galvanised action on plastic pollution. Still at the helm of change, she now works on upstream solutions, helping individuals, businesses and governments navigate the issue so they can use their power to solve it from sea to source.

Deniz Vural



ESRAG Director Deniz Vural is a researcher at the Alfred Wegener Institute in Germany, where she focuses on changing shoreface dynamics in the western Canadian Arctic. As an enthusiastic climate ambassador, she pursues science communication initiatives to enhance public awareness of climate change and polar-related topics.

Clara Heinrichs



Clara Heinrichs, born in 2003, grew up in Düsseldorf and spent over a year abroad after graduating from school. Subsequently, she moved to Berlin for her bachelor's studies in industrial engineering and has been a member of the student team WannSea since April 2023. Last October, she assumed the role of board member, representing the team of 40 students.