

6th International Conference on Progress in Marine Conservation 2023

How to stop biodiversity loss – from knowledge to action

18 – 22 September 2023
OZEANEUM, Stralsund, Germany

Draft programme,
as of 15.08.2023



Programme, draft, 15 August 2023

Venue

OZEANEUM, Hafenstraße 11, 18439 Stralsund / Germany
<https://www.ozeaneum.de/>

Monday, 18 September 2023

-
- 17:00 – 18:00 *Welcome at the OZEANEUM “Foyer” and Registration*
-
- 18:00 – 18:05 **Welcome**
Alfred Herberg, Britta Knefelkamp (both German Federal Agency for Nature Conservation (BfN))
Burkard Baschek (German Oceanographic Museum, DMM/OZEANEUM)
Ann-Katrin Schröder (Moderation of the evening)
-
- 18:05 – 18:15 **Introductory Note/Welcome**
Alfred Herberg (BfN, German Federal Agency for Nature Conservation)
-
- 18:15 - 18:20 **Videonote** by Virginijus Sinkevičius (EU Commissioner Environment, Ocean and Fisheries)
-
- 18:20 – 18:35 **Keynote**
Sebastian Unger (Federal Government Commissioner for the Ocean)
-
- 18:35 – 19:35 **Panel discussion** (in German, will be simultaneously translated into English)
SOS: Artensterben im Meer - wie stoppen wir den Verlust mariner Lebensvielfalt? SOS: Extinction of species in the Ocean – how to stop the loss of marine biodiversity?
Panelists:
Sebastian Unger (Federal Government Commissioner for the Ocean)
Karen Wiltshire (Alfred Wegener Institute Helmholtz Centre for Polar and Marine Research, AWI)
Gesine Meißner (Mission Healthy Oceans; UN Decade Ocean Science for Sustainable Development)
Fabian Ritter (M.E.E.R. e.V.)
- Moderation:* Ann-Katrin Schröder
-

Tuesday, 19 September 2023

*Conference Hall, OZEANEUM
Registration*

09:00 – 09:15 **Welcome and Wrap-up Panel discussion**
Britta Knefelkamp (BfN, German Federal Agency for Nature Conservation)
Burkard Baschek (German Oceanographic Museum, DMM/OZEANEUM)

09:15 – 09:45 **Keynote EU-Requirements to protect marine biodiversity**
nn
20min + 10min discussion

09:45 – 10:10 **BLUEMANIFESTO – an NGO perspective**
Christine Adams (Seas at Risk)
15min + 10min discussion

10:10 – 10:25 Short facts: **Expanding the MPA network in Finland: highest benefits with small expansions?**
Samuli Korpinen (Finnish Environment Institute)
10-15min

10:25 – 10:40 Short facts: **UK: Progress on Highly Protected Marine Areas (HPMAs)**
Stephanie Byford (JNCC, Joint Nature Conservation Committee)
10-15min

10:40– 10:50 Discussion of both previous talks
10min

10:50 – 11:15 Coffee / Tea

11:15 – 11:40 **Implementing the EU biodiversity strategy in the German North and Baltic Sea – challenges and state of the art**
Jochen Krause (BfN, German Federal Agency for Nature Conservation)
15min + 10min discussion

11:40 – 12:05 **PROTECT BALTIC - an ambitious approach for implementing ecological coherent and effectively managed MPAs in the Baltic Sea**
Cecilia Nyman (HELCOM)
15min + 10min discussion

12:05 – 12:30 **The MEPCA Indicator: quantitative evaluation of MPA management effectiveness**
Sarah Blanchard (JNCC, Joint Nature Conservation Committee)
15min + 10min discussion

12:30 – 12:55 **Lessons Learned from 50 years of the U.S. National Marine Sanctuary System** (speaker online)
Monique Baskin (NOAA, USA)
15min + 10min discussion

12:55 – 13:00 Organisation / workshop information

13-14h Lunch break

Workshops 1-3: 14 – 17:30h
each workshop starts with an introductory talk

Workshop 1: 30/10 targets of the EU

Workshop 2: ecological effectiveness of MPAs

Workshop 3: Management of MPAs

Parallel Plenum talks:

14:00 – 14:15 **Ammunition clearance in the Baltic Sea**
Mark Wernicke (Kampfmittelräumdienst Schleswig-Holstein)
15min

14:15 – 14:25 **Ammunition clearance in construction sites of Offshore Windfarms in the North Sea**
Dieter Guldin / Ulrich Schneider (SeaTerra GmbH)
10min

14:25 – 14:35 discussion of the two previous talks

14:35 – 15:00 **Risks for the health of marine mammals – effects of ammunition explosions, pile driving**
Ursula Siebert & Maria Morell (University of Veterinary medicine Hannover, Institute for Terrestrial and Aquatic Wildlife Research)
15min + 10min

15:00 – 15:25 **Technical development of offshore wind farms in the North and Baltic Sea (piles, turbines) and possible noise mitigation measures**
Michael Bellmann (ITAP GmbH)
15min + 10min

15:25 – 15:55 - *coffee / tea*

15:55 – 16:20 **Impact of Offshore Windfarms on Seabirds in the German North Sea**

Stefan Garthe (Research and Technology Center (FTZ), Kiel University)

15min + 10min

16:20 – 16:45 **Impact of Offshore Windfarms on Migrating Birds**

nn

15min + 10min

16:45 -17:10 **Potential Impacts of Offshore Wind Farms on the Physical Oceanography of Coastal Seas**

Jeff Carpenter (Institute of Coastal Ocean Dynamics / Helmholtz-Centre Hereon)

15min + 10min

17:10 – 17:35 **Regional scale effects of large-scale Offshore Wind Farms in the coastal marine ecosystem of the North Sea**

Ute Daewel (Institute of Coastal Ocean Dynamics / Helmholtz-Centre Hereon)

15min + 10min

Wednesday, 20 September 2023

Conference Hall, OZEANEUM

09:00 – 09:30 **Wrap-up Workshops Day 1**

09:30 – 09:35 **Introduction Day 2**

09:35 – 10:05 **Keynote: Cumulative impacts of offshore windfarms on marine biodiversity**

Rob Gerits (NSEC-MSP Group & OSPAR ICG Offshore Renewable Energy Development)

20min + 10min discussion

10:05 – 10:15 Short facts: **Germany: Current status of Offshore wind farms in the German EEZ and Site Development Plan 2023**

Kai Trümpler (BSH, German Federal Maritime and Hydrographic Agency)

10min

10:15 – 10:30 Short facts: **The Netherlands: Policy for offshore wind and nature enhancement**

Jeroen Vis (DG Nature and Fisheries, Ministry of Agriculture, Nature and Food Quality) [\(speaker online\)](#)

10-15min

10:30 – 10:40 Short facts: tbc: **Sweden: Offshore wind energy and marine spatial planning - how to consider nature conservation requirements**

nn

10min

10:40 – 10:50 Discussion of three previous talks

10min

10:50 – 11:15 Coffee / Tea

11:15 – 11:40 **Marine Spatial Planning and Offshore Wind Energy - how to implement an ecosystem approach**

Cormac Walsh (Consultant / Germany)

15min + 10min discussion

11:40 – 12:05 **Expansion of offshore wind farms in the North Sea and conflicts with nature conservation - AMPEL Study**

Anne Böhnke / Dominik Auch (NABU)

15min + 10min discussion

12:05 – 12:30 **start/stop - Mitigation measures to protect birds in Offshore Windfarms**

nn

15min + 10min discussion

12:30 – 12:55 **Nature enhancement in offshore windfarms (NL)**

nn

15min + 10min discussion

12:55 – 13:00 Organisation / workshop information

13:00 – 14:00 Lunch break

Workshops 4 – 6: 14 – 17:30h

each workshop starts with an introductory talk

Workshop 4: **Impact mitigation of offshore wind farms**

Workshop 5: **Ecological risks and chances of offshore wind farms**

Workshop 6: **Instruments for managing conflicting interests occurring through future offshore wind energy expansion**

Parallel Plenum talks: Fisheries

14:00 – 14:25 **Keynote: Implementation of the EU Action Plan: Protecting and restoring marine ecosystems for sustainable and resilient fisheries**

nn

15min + 10min discussion

14:25 – 14:50 **Results from the project APOC – the role of marine sediments as carbon sink and the impact of bottom trawling on seafloor carbon sequestration**

Sabine Kasten (AWI, Alfred-Wegener Institute Helmholtz Center for Polar and Marine Research) & Wenyan Zhang (Institute of Coastal Systems, Helmholtz-Centre Hereon)

15min + 10min discussion

14:50 – 15:15 **Impact of bottom trawl fisheries on benthic communities and possible management options (speaker online)**

Marija Sciberras (Heriot Watt University, Edinburgh, UK)

15min + 10min

15:15 – 15:40 - coffee / tea

-
- 15:40 – 16:10 **Impact of gillnet fisheries on harbour porpoises and management options** (speaker online)
Ida Carlén (Stockholm University | SU · Department of Zoology)
15min + 10min
-
- 16:10 – 16:35 **Impact of gillnet fisheries on seabirds – UNCATCH, preventing bycatch of seabirds**
Julius Morkunas (Lietuvo ornitologu draugija & Birdlife International)
15min + 10min
-
- 16:35 – 17:00 **Ecosystem-based fisheries management restores biodiversity and catch of commercial stocks in the western Baltic Sea**
Marco Scotti (GEOMAR Helmholtz Centre for Ocean Research Kiel)
15min + 10min
-
- 17:00 – 17:25 **Marine Foodwebs - effects of fisheries on fish communities & depletion of predatory species** (speaker online)
Boris Worm (Dalhousie University, Canada)
15min + 10min
-
-
-

Ca. 19:00h *Get together at the OZEANEUM – North Sea Aquarium*
On invitation of German Federal Agency of Nature Conservation

Thursday, 21 September 2023

Conference Hall, OZEANEUM

09:00 – 09:30 **Wrap-up Workshops Day 2**

09:30 – 09:35 **Introduction Day 3**

09:35 – 10:05 **Keynote: Marine and Fisheries Policies failed – how to move on?**
Nils Höglund (CCB, Coalition Clean Baltic)
20min + 10min discussion

10:05 – 10:15 **Short facts: Germany: 15 years after EMPAS**
Christian Pusch (BfN, Federal Agency for Nature Conservation)
10min

10:15 – 10:25 **Short facts: Sweden – fisheries conservation measures in marine protected areas (MPAs) in the Baltic Sea**
Lena Tingström / Malin Wilhelmsson (Swedish Agency Marine and Water Management) **possibly speaker online**
10min

10:25 – 10:35 Discussion of two previous talks
10min

10:35 – 11:00 Coffee / Tea

11:00 – 11:25 **CIBBRINA - Coordinated Development and Implementation of Best Practice in Bycatch Reduction in the North Atlantic, Baltic and Mediterranean Regions** **speaker online**
Anne-Marie Svoboda (Department of Nature & Biodiversity, Ministry of Agriculture, Nature and Food Quality, The Netherlands)
15min + 10min discussion

11:25 – 11:40 **STELLA 2**
Kim Detloff / Katharina Brundiens (NABU)
10min + 5min discussion

11:40 – 12:05 **Eutrophication in the Baltic Sea and its effects on marine biodiversity**
Barbara Bauer, Wera Leujak (UBA, German Environment Agency)
15min + 10min discussion

12:05 – 12:30 **Cod or fertilizer? No future for Baltic fish and fisheries with ongoing eutrophication**
Rainer Froese (GEOMAR Helmholtz Centre for Ocean Research Kiel)
15min + 10min discussion

12:30 – 12:55 **Spillover effects of MPAs**
nn
15min + 10min discussion

12:55 – 13:00 Organisation / workshop information

13-14h *Lunch break*

Workshops 7 – 8: 14 – 17:30h

each workshop starts with an introductory talk

Workshop 7: **Impact mitigation and management of bottom trawl fisheries, focus North Sea**

Workshop 8: **Impact mitigation and management of gill net fisheries, focus Baltic Sea**

Parallel Plenum talks: Monitoring and mapping – new techniques and results

14:00 – 14:25 **Effects of disturbances on harbour porpoise populations simulated using the DEPONS model**
Jacob Nabe-Nielsen (Aarhus University, DK)
15min + 10min discussion

14:25 – 14:50 **How SATURN is developing solutions to underwater radiated noise**
Joseph Schnitzler (Institute for Terrestrial and Aquatic Wildlife Research (ITAW), University of Veterinary Medicine Hannover, Germany)
15min + 10min discussion

14:50 – 15:15 **How population and habitat models can inform management**
nn
15min + 10min

15:15 – 15:45 - *coffee / tea*

15:45 – 16:10 **eDNA as a non-invasive tool for biomonitoring and ecological assessment in the marine environment**
nn
15min + 10min

16:10 – 16:35 **Using eDNA to identify distribution pattern of rays and sharks/to capture elasmobranch diversity in temperate marine environment**
nn
15min + 10min

16:35 – 17:00	eDNA in sediments to identify ecosystem history nn 15min + 10min
17:00 – 17:25	Data management for biodiversity monitoring Bernadette Lier & Matthias Bluhm (con terra), Mirko Hauswirth (BfN, German Federal Agency for Nature Conservation) 15min + 10min
17:25 – 17:40	Short note: BfN-Data buoys: towards a better monitoring of MPA's Henning Gerstmann (BfN, German Federal Agency for Nature Conservation) 10min + 5min

Friday, 22 September 2023

Conference Hall, OZEANEUM

09:00 – 09:20 **Wrap-up Workshops Day 3**

Initiatives and projects to enhance biodiversity

09:20 – 09:45 **Protection and Recovery of the Baltic Sturgeon**
Christin Höhne (LFA MV, Mecklenburg-Vorpommern Research
Centre for Agriculture and Fisheries)
15min + 10min discussion

09:45 – 10:10 **Swimway – an initiative for the protection of migrating fish species
in the Wadden Sea Area**
Trilateral Wadden Sea Cooperation
15min + 10min discussion

10:10 – 10:35 **European oyster restoration in Germany – RESTORE & PROCEED**
Bernadette Pogoda (Alfred-Wegener Institute Helmholtz-Centre for
Polar and Marine Research)
15min + 10min discussion

10:35 – 11:00 Coffee & Tea

11:00 – 11:15 **An overview of European Oyster restoration in UK**
Philine zu Ermgassen (Consultant)
15min

11:15– 11:30 **The Mar Menor Oyster Initiative: Nature-based solutions for
eutrophicated marine ecosystems [speaker online](#)**
Marina Albentosa (Oceanographic Centre of Murcia / Spanish
Institute for Oceanography)
15min

11:30 – 11:40 Discussion of two previous talks
10min

11:40 – 11:55 **Seagrass restoration in Loch Craignish, UK waters**
Eric Holden & Katherine Knight (Seawilding, Community-led Marine
Habitat Restoration) [speaker online](#)
15min

11:55 – 12:10 **SEASTORE - Seagrass restoration in the Baltic Sea**
Mia Bengtsson (Greifswald University, Germany)
15min

12:10 – 12:20	Discussion of two previous talks 10min
12:20 – 12:35	<i>Conclusion/Status of the Seas: How healthy marine ecosystems contribute to climate protection</i> <i>nn</i> 15min / 10min + 5min discussion, <i>leading to wrap-up of conference</i>
12:35 – 13:15	Wrap-up of the Conference and hand-over of Note of the Chair to Dr. Matthias Steitz, representative of the Federal Ministry for the Environment, Nature Conservation, Nuclear Safety and Consumer Protection Britta Knefelkamp (BfN), Burkard Baschek (German Oceanographic Museum)

