

# 6<sup>th</sup> International Conference on Progress in Marine Conservation 2023

How to Stop Biodiversity Loss – from Knowledge to Action

18. – 22. September 2023  
OZEANEUM Stralsund, Germany

**Programme**





## Welcome

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Welcome to the conference Progress in Marine Conservation 2023, hosted by the German Federal Agency for Nature Conservation (BfN) in cooperation with the Ocean Museum Germany. We are glad to have you onboard and are looking forward to our discussions on how to stop the loss of marine biodiversity and how to get from knowledge to action. We wish you a pleasant and successful meeting with interesting talks and inspiring conversations.

## Organisational Information

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The **plenary talks** will take place in the conference hall of the OZEANEUM, access is via the side-entrance on the right-hand side (conference building), next to the “Pausch Bistro”, follow our banner, and take the stairs (or escalator) to the second floor.

If you have any questions, please get in touch with our organisation team at the registration desk on the second floor.

**Coffee breaks** take place in the conference hall and at the “Empore” on the first floor.

**Lunch** will be at your own expenses. A daily menu of the “Pausch Bistro” can be found at the registration desk, you can sign in for lunch in the mornings. But there are also plenty of other places and opportunities nearby to enjoy a nice meal.

The **Get-Together-Evening** will take place in the OZEANEUM exhibition, follow the signs to the North Sea Aquarium. We will start around 19:00 CEST. Further information will be given before lunch break on Wednesday.

With your conference name badge, you will get **free entry** to the OZEANEUM exhibition during the whole week.

## Workshop Information

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As a workshop participant, you have been informed in advance for which workshop you have successfully registered. If you don't remember, **please check the name lists posted on the entry door of the conference hall or get in touch with the organisation team**. If you have not registered for a workshop so far or if you are interested in taking part in a second one, there is still the opportunity to subscribe to a few workshops – but please be aware that the workshops are limited to 25 persons due to room capacity limits. Please check with the organisation team.

**Please be aware: due to technical issues, you will be guided to your workshop room. Meeting time: 13:55. Timely arrival at the meeting points is requested! Workshop rooms are indicated by colours as follows:**

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**RED (seminar room)** – is located on the first floor in the conference building, right below the conference hall. *Meeting point to workshops in the red room:* no guidance to this room necessary, please head directly to this room, follow the red signs.

**GREEN (class room)** – is located on the upper deck of the OZEANEUM, next to the penguin tank. *Meeting point for workshops in the green room:* on the first floor of the conference building, in front of the glass doors that leads to the exhibition (green signs)

**BLUE (meeting room)** – in the brick building, left-hand side of the OZEANEUM main entrance. *Meeting point for workshops in the blue room:* downstairs at the familiar entrance of the conference building.

You can find the colour of your assigned workshop room on your conference name badge (dot) and also on the name lists that will be posted on the entry door of the conference hall.

We wish you a successful workshop.

## Overview

Tuesday, 19th

**Workshop 1:** 30/10 targets of the EU

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**Workshop 2:** Ecological effectiveness of MPAs

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**Workshop 3:** Management of MPAs

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Wednesday, 20th

**Workshop 4:** Impact mitigation of Offshore Wind Farms

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**Workshop 5:** Ecological risks and chances of Offshore Wind Farms

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**Workshop 6:** Instruments for managing conflicting interests occurring through future Offshore Wind Energy expansion

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Thursday, 21st

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

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

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## Programme, as of 13 September 2023 - time noted in CEST

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### Venue

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

### Monday, 18 September 2023

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- 17:00 – 18:00 *Welcome at the OZEANEUM “Foyer”, main entrance, and Registration*
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- 18:00 – 18:05 **Welcome**  
Alfred Herberg, Britta Knepelkamp (both: German Federal Agency for Nature Conservation, BfN)  
Burkard Baschek (Ocean Museum Germany)  
Ann-Katrin Schröder (Moderation of the evening)
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- 18:05 – 18:15 **Introductory Note/Welcome**  
Alfred Herberg (German Federal Agency for Nature Conservation, BfN)
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- 18:15 - 18:20 **Videomessage** by Virginijus Sinkevičius (EU Commissioner Environment, Ocean and Fisheries)
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- 18:20 – 18:35 **Keynote**  
Sebastian Unger (Federal Government Commissioner for the Ocean)
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- 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
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**Tuesday, 19 September 2023**

*Conference Hall, OZEANEUM, side entrance*

*Registration from 08:00h onwards*

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09:00 – 09:15     **Welcome and Wrap-up Panel discussion**  
Britta Kniefelkamp (German Federal Agency for Nature Conservation)  
Burkard Baschek (Ocean Museum Germany)

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09:15 – 09:45     **Keynote: EU-Requirements to protect marine biodiversity** (speaker online)  
Vedran Nikolić (European Commission, DG Environment, Unit D3 – Nature conservation)  
20min + 10min discussion

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09:45 – 10:10     **On the right path for marine protection in the EU? – an NGO perspective**  
Christine Adams (Seas at Risk)  
15min + 10min discussion

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

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

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

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*10:50 – 11:15     Coffee / Tea*

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

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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

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12:05 – 12:30	<b>The MEPCA Indicator: quantitative evaluation of MPA management effectiveness</b> Sarah Blanchard (Joint Nature Conservation Committee, JNCC) 15min + 10min discussion
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12:30 – 12:55	<b>Lessons Learned from 50 years of the U.S. National Marine Sanctuary System</b> (speaker online) Monique Baskin (NOAA, USA) 15min + 10min discussion
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12:55 – 13:00	Organisation / workshop information
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13:00 – 14:00	<i>Lunch break</i>
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14:00 – 17:30	<b>Workshops 1-3</b> , upon registration, please see workshop information above.
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<b>Workshop 1:</b>	<b>30/10 targets of the EU</b>
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<b>Workshop 2:</b>	<b>Ecological effectiveness of MPAs</b>
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<b>Workshop 3:</b>	<b>Management of MPAs</b>
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<b>Parallel to workshops: Plenary talks in the conference hall - Offshore Wind Energy</b>	
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14:00 – 14:15	<b>Ammunition clearance in the Baltic Sea</b> Mark Wernicke (Kampfmittelräumdienst Schleswig-Holstein) 15min
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14:15 – 14:25	<b>Ammunition clearance in construction sites of offshore windfarms in the North Sea</b> Ulrich Schneider (SeaTerra GmbH) 10min
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14:25 – 14:35	discussion of the two previous talks
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14:35 – 15:00	<b>Risks for the health of marine mammals – effects of ammunition explosions, pile driving</b> Maria Morell (University of Veterinary Medicine Hannover, Institute for Terrestrial and Aquatic Wildlife Research) 15min + 10min
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15:00 – 15:25	<b>Technical development of offshore wind farms in the North and Baltic Sea (piles, turbines) and possible noise mitigation measures</b> Michael Bellmann (ITAP GmbH) 15min + 10min
15:25 – 15:55 -	<i>coffee / tea</i>
15:55 – 16:10	<b>Impact of Offshore Wind Farms on Migrating Birds, with a focus on the Baltic Sea</b> (speaker online) Anthony Fox (Aarhus University) 15min
16:10 – 16:25	<b>Impact of Offshore Wind Farms on Seabirds in the German North Sea</b> (speaker online) Stefan Garthe (Research and Technology Center (FTZ), Kiel University) 15min
16:25 – 16:45	Discussion of both previous talks 20min
16:45 -17:10	<b>Potential Impacts of Offshore Wind Farms on the Physical Oceanography of Coastal Seas</b> Jeff Carpenter (Institute of Coastal Ocean Dynamics / Helmholtz-Centre Hereon) 15min + 10min
17:10 – 17:35	<b>Regional scale effects of large-scale Offshore Wind Farms in the coastal marine ecosystem of the North Sea</b> 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 to the session**

09:35 – 10:05 **Keynote: Cumulative impacts of Offshore Wind Farms on marine biodiversity**

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

20min + 10min discussion

10:05 – 10:20 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)

15min

10:20 – 10:35 Short facts: **The Netherlands: Policy for offshore wind and nature enhancement**

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

15min

10:35 – 10:45 Discussion of both previous talks

10min

*10:45 – 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 **Smart site selection approach for a more nature-friendly offshore wind development**

Anne Böhnke-Henrichs (NABU)

15min + 10min discussion



12:05 – 12:30	<b>Mitigation measures to protect birds in Offshore Wind Farms</b> Camiel van der Hout (DG Climate and Energy, Ministry of Economic Affairs and Climate Policy) 15min + 10min discussion
12:30 – 12:55	<b>Nature Enhancement in Dutch Coastal and Offshore Wind Farms: A Path Towards Biodiversity Restoration</b> Serena Rivero (The Rich North Sea) 15min + 10min discussion
12:55 – 13:00	Organisation / workshop information

*13:00 – 14:00 Lunch break*

**14:00 – 17:30** [Workshops 4 – 6, upon registration, please see workshop information above.](#)

**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 to workshops: Plenary talks in the conference hall - Fisheries](#)

14:00 – 14:25	<b>Keynote: Implementation of the EU Action Plan: Protecting and restoring marine ecosystems for sustainable and resilient fisheries (speaker online)</b> Vedran Nikolič (European Commission, DG Environment, Unit D3 – Nature conservation) 15min + 10min discussion
14:25 – 14:50	<b>Results from the project APOC – the role of marine sediments as carbon sink and the impact of bottom trawling on seafloor carbon sequestration</b> Sabine Kasten (Alfred-Wegener Institute Helmholtz Center for Polar and Marine Research, AWI) & Wenyan Zhang (Institute of Coastal Systems, Helmholtz-Centre Hereon) 15min + 10min discussion

14:50 – 15:15	<b>Impact of bottom trawl fisheries on benthic communities and possible management options</b> (speaker online) Marija Sciberras (Heriot Watt University, Edinburgh, UK) 15min + 10min
15:15 – 15:40	<i>coffee / tea</i>
15:40 – 16:10	<b>Impact of gillnet fisheries on harbour porpoises and management options</b> (speaker online) Ida Carlén (Swedish Society for Nature Conservation) 15min + 10min
16:10 – 16:35	<b>Impact of gillnet fisheries on seabirds – UNCATCH, preventing bycatch of seabirds</b> Julius Morkunas (Lietuvo ornitologu draugija & Birdlife International) 15min + 10min
16:35 – 17:00	<b>Ecosystem-based fisheries management restores biodiversity and catch of commercial stocks in the western Baltic Sea</b> Marco Scotti (GEOMAR Helmholtz Centre for Ocean Research Kiel) 15min + 10min
17:00 – 17:25	<b>Marine Foodwebs - effects of fisheries on fish communities and depletion of predatory species</b> (speaker online) Boris Worm (Dalhousie University, Canada) 15min + 10min
19:00h	<b><i>Get-together at the OZEANEUM – North Sea Aquarium</i></b> <i>On invitation of German Federal Agency of Nature Conservation</i>

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**Thursday, 21 September 2023**

*Conference Hall, OZEANEUM*

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

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09:30 – 09:35     **Introduction to the session**

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09:35 – 10:05     **Keynote: The danger of not accepting failure**  
Nils Höglund (Coalition Clean Baltic, CCB)  
20min + 10min discussion

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

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10:15 – 10:25     Short facts: **Sweden - Fisheries conservation measures in marine protected areas (MPAs) in the Baltic Sea and the North Sea**  
Lena Tingström / Malin Wilhelmsson (Swedish Agency Marine and Water Management) [\(speaker online\)](#)  
10min

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

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*10:35 – 11:00     Coffee / Tea*

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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

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11:25 – 11:40     **STELLA 2 (STELnetzfisherei-Lösungs-Ansätze 2) - „Gillnetfishery-Solution-Approach 2“**  
Katharina Brundiars (NABU)  
10min + 5min discussion

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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

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12:05 – 12:30	<b>Cod or fertilizer? No future for Baltic fish and fisheries with ongoing eutrophication</b> Rainer Froese (GEOMAR Helmholtz Centre for Ocean Research Kiel) 15min + 10min discussion
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12:30 – 12:55	<b>Spillover effects of MPAs</b> (speaker online) nn 15min + 10min discussion
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12:55 – 13:00	Organisation / workshop information
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13:00 – 14:00	<i>Lunch break</i>
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14:00 – 17:30	<b>Workshops 7 – 8</b> , upon registration, please see workshop information above.
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<b>Workshop 7:</b>	<b>Impact mitigation and management of bottom trawl fisheries, focus North Sea</b>
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<b>Workshop 8:</b>	<b>Impact mitigation and management of gill net fisheries, focus Baltic Sea</b>
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<b>Parallel to workshops: Plenary talks in the conference hall – Biodiversity monitoring and mapping – new techniques and results</b>	
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14:00 – 14:25	<b>Effects of disturbances on harbour porpoise populations simulated using the DEPONS model</b> Jacob Nabe-Nielsen (Aarhus University, DK) 15min + 10min discussion
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14:25 – 14:50	<b>How SATURN is developing solutions to underwater radiated noise</b> Joseph Schnitzler (Institute for Terrestrial and Aquatic Wildlife Research (ITAW), University of Veterinary Medicine Hannover) 15min + 10min discussion
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14:50 – 15:15	<b>Demographic monitoring of a declining seaduck population</b> Jochen Bellebaum (IWWR Germany e.V.) 15min + 10min
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15:15 – 15:45 -	<i>coffee / tea</i>
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15:45 – 16:10	<b>eDNA as a non-invasive tool for biomonitoring and ecological assessment in the marine environment</b> Alicia Dalongevilles (SPYGEN) 15min + 10min
16:10 – 16:35	<b>Using eDNA to capture elasmobranch diversity in temperate marine environments</b> (speaker online) Stefano Mariani (Liverpool John Moores University) 15min + 10min
16:35 – 17:00	<b>eDNA in sediments to identify ecosystem history</b> (speaker online) Inés Andrea Barrenechea Angeles (Arctic University, Tromsø) 15min + 10min
17:00 – 17:25	<b>Data management for biodiversity monitoring</b> Bernadette Lier & Matthias Bluhm (con terra), Mirko Hauswirth (German Federal Agency for Nature Conservation) 15min + 10min
17:25 – 17:40	Short note: <b>BfN-Data buoys: towards a better monitoring of MPA's</b> Henning Gerstmann (German Federal Agency for Nature Conservation) 10min + 5min

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**Friday, 22 September 2023**

*Conference Hall, OZEANEUM*

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

09:20 – 09:30     **Transformative perspective: A plea for a paradigm shift towards mindful conservation**  
Fabian Ritter (M.E.E.R. e.V.)  
10min

**Initiatives and projects to enhance biodiversity**

09:30 – 09:55     **Protection and Recovery of the Baltic Sturgeon (*Acipenser oxyrinchus*)**  
Christin Höhne (LFA MV, Mecklenburg-Vorpommern Research Centre for Agriculture and Fisheries)  
15min + 10min discussion

09:55 – 10:20     **Swimway – an initiative for the protection of fish in the trilateral Wadden Sea Area**  
Julia Busch (Common Wadden Sea Secretariat, Trilateral Wadden Sea Cooperation)  
15min + 10min discussion

10:20 – 10:45     **European oyster restoration in Germany – RESTORE & PROCEED**  
Bernadette Pogoda (Alfred-Wegener Institute Helmholtz-Centre for Polar and Marine Research)  
15min + 10min discussion

*10:45 – 11:10     Coffee & Tea*

11:10 – 11:25     **An overview of European Oyster restoration in UK**  
Philine zu Ermgassen (University of Edinburgh)  
15min

11:25– 11:40     **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

11:40 – 11:50	Discussion of both previous talks 10min
11:50 – 12:05	<b>Progressing seagrass restoration in the UK</b> (speaker online) Eric Holden & Katherine Knight (Seawilding, Community-led Marine Habitat Restoration) 15min
12:05 – 12:20	<b>SEASTORE - Seagrass restoration in the Baltic Sea</b> Mia Bengtsson (Greifswald University, Germany) 15min
12:20 – 12:30	Discussion of two previous talks 10min
12:30 – 12:45	<b>Enhancing marine biodiversity – recommendations for action</b> <i>Conclusion and Wrap-up</i> Britta Knefelkamp (German Federal Agency for Nature Conservation, BfN) 15min
12:45 – 13:00	<b>Handover of Note of the Chair to the Federal Ministry for the Environment, Nature Conservation, Nuclear Safety and Consumer Protection, represented by Matthias Steitz,</b> Britta Knefelkamp (BfN), Burkard Baschek (Ocean Museum Germany)

## NOTES



Federal Agency for  
Nature Conservation