DRAFT **EuroMarine Open Science Day Agenda**

**"Science at the boundaries: Addressing the brink of the social-ecological and climatic tipping points of marine ecosystems."**

**13 February 2024 │ University of Bologna, Italy**

***Times are shown in local time***

**13 February - Open Science Day**

09:00-09:15 **Arrival & Registration of participants**

09:15-09:30 **Welcome by University of Bologna representative**

09:30-09:40 **Welcome and Introduction by EuroMarine Scientific Coordinators.** *Dr Patrizio Mariani (EuroMarine Co-Chair, DTU-Aqua) & Dr Isabel Sousa Pinto (EuroMarine Co-Chair, CIIMAR)*

09:40-09:50 **Overview of EuroMarine Activities in 2023.** *Emma Bello Gómez (EuroMarine Executive Director, AquaTT)*

09:50-10:00 **Overview of OYSTER WG Activities in 2023.** *Inês Sousa Gregorio, OYSTER representative*

**10.00-10.45 Session 1: Featuring ECR Research within EuroMarine (OYSTER session)**

Moderator: OYSTER co-chair

10:00-10:10 **Pavanee Annasawmy, UBO**

*NEAT project: MicroNekton diversity, distribution and abundance using eDNA, Acoustic and Trawls*

10:10-10:20 **Lotte Dahlmo, UiB**

*EMFish Project: Investigating the impact of ElectroMagnetic Fields from Offshore Wind Farm power cables in the North Sea*

10:20-10:30 **Argiro Adamopoulou, HCMR**

*Harm~Plast Project: Harmonised Spectral analysis for environmentally weathered Plastic*

10:30-10:45 **Q&A**

**10:45-11:00 Coffee Break**

**11:00-12:50 Session 2: High-level session “Planetary Boundaries: Addressing the brink of the social-ecological and climatic tipping points of marine ecosystems”**

Moderator: Dr Marco Zavatarelli, University of Bologna

11:00-11:20 **Prof. Nadia Pinardi, University of Bologna**

 *Monitoring and Predicting the Global Coastal Ocean for Risk Management*

11:20-11:40 **Dr David Armstrong McKay, Exeter University**
*Tipping points in marine biosphere and circulation*

11:40-12:00 **Prof.** **Andreas Oschlies, GEOMAR (TBC)**

 *Oxygen dynamics and ecological stability*

12:00-12:20 **Dr Eliza Fragkopoulou, CCMAR**
*Global marine heatwaves pose risk to biodiversity across depths*

12:20-12:50 **Round table**

**12:50-14:00 Lunch**

**14:00-15:30 Session 3: Highlights of EuroMarine member’s research**

Moderator: Dr Mark Costello, NORD University

14:00-14:15 **Cornelia Jaspers, DTU-Aqua**

*Jellyfish - back to the future: Re-visiting paradigms and changing the perspective*

14:15-14:30 **Camilla Sguotti, University of Padova**

*Resilience of marine socio-ecological systems*

14:30-14:45 **Britas Klemens Eriksson, Groningen University**

*Passive acoustic monitoring as a tool to understand underwater ecology*

14:45-15:00 **Flash Presentation 4 (TBC)**

15:00-15.30 **Q&A**

**15:30-16:00 Coffee Break**

**16:00-17:30 Session 4: EU Mission Ocean & Waters projects**

Moderator: Patrizio Mariani, DTU-Aqua

16:00-16:20 **Elisabetta Balzi, European Commission *(Online)***

*Mission Restore Our Oceans and Waters*.

16:20-16:30 **Carlota Muñiz, VLIZ**

*Integration of biodiversity monitoring data into the Digital Twin Ocean (DTO-BioFlow)*

16:30-16:40 **Paul Trouth, Helcom**

*Protection and restoration solutions for degraded coastal and marine habitats (PROTECT BALTIC)*

16:40-16:50 **Biniyam Sishah, Rina Consulting**

*Actions to prevent, minimise and remediate chemical pollution (RHE-MEDiation)*

16:50-17:00 **Kristian Spilling, Finnish Environment Institute SYKE**

*Bringing sustainable algae-based products & solutions to the market (AlgaeProBANOS)*

17:00-17:10 **Max Priebe, Fraunhofer Germany**

 *The relation of young generations with the sea and water: values, expectations, and engagement (FLOW)*

17:10-17:30 **Round table**

**17:30-18:30 Networking Drink**