

# EMBS53

Ostend, Belgium | 17 – 21 September 2018

## Poster Session

Source: <http://www.vliz.be/events/embs53/poster-session.html>

### Themes

- Science from a historical perspective
- Science in the North Sea
- Science in a modern era
- Citizen science
- General session

#### Theme: Science from a historical perspective

- 1 New findings on epipelagic copepods of the Colombian Pacific Ocean based on historical data: september 2003 | Raúl Hernando López Peralta, Universidad Militar Nueva Granada (CO)
- 2 The deep-sea octocoral collections of the Telegraph Company “Det Store Nordiske” during 1871-1957 from Japanese waters | Asako K. Matsumoto, Chiba Institute of Technology (JP)

#### Theme: Science in the North Sea

- 3 Are benthic food webs different on small spatial scales? | Melina Nalmpanti, Alfred-Wegener-Institute (GE)
- 4 Antibiotic resistance of *Vibrio* spp. isolated from German North and Baltic Sea coastal waters and sediments | Nicole Brenholt, Federal Institute of Hydrology (GE)

- 5 [Prevalence of \*Vibrio parahaemolyticus\*, \*V. cholerae\* and \*V. vulnificus\* in the German North and Baltic Sea coastal waters](#) | Ilona Herrig, Federal Institute of Hydrology (GE)

---

- 6 [Blue carbon of shellfish beds – understanding the vaults of biogenic reefs](#) | Hannah LEE, Heriot-Watt University (UK)

---

- 7 [Macrobenthos-mediated nutrient cycling in offshore windmill farm environments under future ocean climate settings](#) | Ellen Vlaminck, Ghent University (BE)

---

- 8 [Monitoring phytoplankton dynamics in the Belgian continental zone using a Cytosense flowcytometer](#) | Reinhoud De Blok, Ghent University (Be)

---

- 9 [Optimizing survey data for ecological niche modelling of rare species: A case study with starry ray from the North Sea](#) | Vicky Magath, University of Hamburg (GE)

---

- 10 [Response of different estuarine zooplankton taxa to instantaneous salinity reductions](#) | Danila Uvarov, Utrecht University (SP)

---

- 11 [Filling gaps in knowledge of North Sea benthic biodiversity: identifying priority areas for conservation](#) | Silvia Garcia, Oceana (SP)

---

- 12 [Investigating the combined effects of climate change on ecophysiological response of offshore wind farm fouling fauna](#) | Helena Voet, Royal Belgian Institute of Natural Sciences (BE)

---

- 13 [Predictive value of trait-based measures for benthic secondary production in the German North Sea](#) | Henrike Andresen, Alfred-Wegener-Institut Helmholtz-Zentrum für Polar- und Meeresforschung (DE)

---

- 14 [Tracking wild cod in a wild ocean: investigating the effects of man-made sound on Atlantic cod \(\*Gadus morhua\*\)](#) | Inge Van der Knaap, Ghent University (BE)

- 15 [Environmental changes and the condition of Downs herring in Belgian Marine waters: new insights based on historical data](#) | Gert Everaert, Flanders Marine Institute (BE)

## Theme: Science in a modern era

- 16 [Enabling Discovery of Ocean Science Data in the Modern Era Using Geospatial and Information Science](#) | Michael Rasser, Bureau of Ocean Energy Management (USA)
- 17 [Paving the way for macrobenthic diversity assessment in impacted areas of the Belgian part of the North Sea using metabarcoding](#) | Sofie Derycke, Institute for Agricultural and Fisheries Research (BE)
- 18 [A transcriptomic approach to unravel fatty acid pathways of harpacticoid copepods in a changing environment](#) | Jens Boyen, Ghent University (BE)
- 19 [Discovering a resident family of Risso's dolphins off São Miguel with a newly developed Photo-ID app](#) | Rafael Martins, Universidade dos Açores (PT)
- 20 [Composition of macro-infauna and their distribution across Northern Benguela upwelling system - Namibia](#) | Beth Wangui Waweru, Ghent University (BE)
- 21 [Time investment and territorial behaviour of lesser black-backed gulls \(\*Larus fuscus\*\) during the pre-laying period](#) | Reyes Salas, University of Antwerp (BE)
- 22 [Bioerosion: Seeing the invisible and touching the untouchable](#) | Eva Turicchia, Università di Bologna (IT)
- 23 [What moves Lesser Blacked-back Gulls](#) | Brigitte Heylen, Ghent University (BE)
- 24 [Life cycle closure of jellyfish in the North Sea area](#) | Lodewijk Van Walraven, Utrecht University (NL)

25 Ocean currents predict fine scale genetic structure and source-sink dynamics in a marine invertebrate coastal fishery | Catarina Silva, Victoria University of Wellington (UK)

26 The World Register of Marine Species – a decade of taxonomy and experience | Leen Vandepitte, Flanders Marine Institute (BE)

### Theme: Citizen science

27 Citizen science and local ecological knowledge in fishery and ichthyological research in the eastern Adriatic Sea | Branko Dragičević, Institute of Oceanography and Fisheries (HR)

28 What can we do for you? A citizen science project around the world aboard a 10m sailing boat | Anaïs Tilquin, University of Zürich (CH)

### Theme: General session

29 Predator nonconsumptive effects on prey demography: field experimental evidence from the Atlantic coast of Canada | Julius A. Ellrich (CA)

30 Analysis of plant growth regulators in two of green seaweeds using high-performance liquid chromatography with electrospray ionization tandem mass spectrometry | Sibel Yalçın, Istanbul University (TR)

31 Photoacclimation of Prymnesiales (Haptophyta) species to different light quality conditions | Audrey De Cuyper, University of the Basque Country (SP)

32 Growth performance and physiological traits of *posidonia oceanica* exposed to a hypersaline environment | Marco Spinelli, University of Palermo (IT)

33 Mediterranean aquaculture impact on the infralittoral rocky shore: a study case from the Aegean Sea | Camilo Escobar-Sierra, University of Crete (GR)

- 34 [Interannual \(2016–2017\) variability of winter-spring microzooplankton in the open South Adriatic Sea: Effects of deep convection](#) | Jakica Njire, Institute for Marine and Coastal Research (HR)
- 
- 35 [Environmental concerns of LIFE-SEACAN project: spatiotemporal analysis of the impact of wastewater from a canning industry on benthic ecosystem](#) | Marcos Rubal, University of Porto (PT)
- 
- 36 [The impact of temperature rise on viruses of the picoplankton community in the Adriatic Sea](#) | Marin Ordulj, University of Split (HR)
- 
- 37 [BLUE SMART - Blue Education for sustainable management of aquatic resources](#) | Bruna Petani, University of Zadar (HR)
- 
- 38 [Possible marine picoplankton response to future warming](#) | Stefanija Sestanovic, Institute of Oceanography and Fisheries (HR)
- 
- 39 [How does seascape structure affect seagrass fish assemblages? A seasonal case study from the Baltic Sea and Skagerrak](#) | Patrick Hernvall, Stockholm University (SW)
- 
- 40 [Higher ecosystem biodiversity helps the single species coping with ocean acidification](#) | Bruna Petani, University of Zadar (HR)
- 
- 41 [JPI Oceans - The Joint Programming Initiative Healthy and Productive Seas and Oceans](#) | Willem De Moor, JPI Oceans secretariat (BE)
- 
- 42 [Contrasting adaptations in shallow and a deep-sea bivalves from East Atlantic: transcriptome-wide analysis](#) | Olga Bondareva, Zoological Institute of Russian Academy of Sciences (RU)
- 
- 43 [Linear growth and shell shape variation in \*Macoma calcarea\* \(Gmelin, 1791\) \(Bivalvia: Tellinidae\) from the White Sea](#) | Evgeny Genelt-Yanovskiy, Zoological Institute of Russian Academy of Sciences (RU)

- 44 [The European Ocean Biogeographic Information System \(EurOBIS\) and its relation with international data systems](#) | Daphnis De Pooter, Flanders Marine Institute (BE)
- 
- 45 [Allometry of mitochondrial respiration in mussels](#) | Anton Kovalev, Saint-Petersburg State University (RU)
- 
- 46 [Benthic size spectra, biomass and production along the bathymetric gradient in the Arctic Ocean \(Fram Strait, 79°N\)](#) | Barbara Górska, Institute of Oceanology Polish Academy of Sciences (PL)
- 
- 47 [Do moonsnails shape the population dynamics of Baltic clam at subarctic White Sea?](#) | Dmitry Aristov, Zoological Institute of RAS (RU)
- 
- 48 [European Marine Board expert Working Group's recommendations to Strengthen Europe's Capability in Biological Ocean Observations?](#) | Benedetti Cecchi, University of Pisa (IT)
- 
- 49 [Human exposure to algal toxins via sea spray aerosols](#) | Emmanuel Van Acker, Ghent University (BE)
- 
- 50 [Is the French Mediterranean European pilchard crisis related to their diet?](#) | Chen Chia-Ting, Mediterranean Institute of Oceanography (FR)
- 
- 51 [On the use of Crustacea as a surrogate taxon for the environmental quality assessment in the Hellenic coastal waters \(WFD\)](#) | Naletaki Maria, HCMR (GR)
- 
- 52 [Rates and patterns of missing appendages in snow crab \(\*Chionoecetes opilio\*\) population in the southern Gulf of Saint Lawrence and its possible causes](#) | Surette Tobie, Department of Fisheries and Oceans (CA)
- 
- 53 [A multiscale seascape approach to assess animal communities in Baltic Sea seagrass meadows](#) | Nellie Stjärnkvist Nellie, Stockholm University (SW)

