LOTTE POHL

Science Officer at (VLIZ), M.Sc. Marine Biological Resources (IMBRSea)

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% lottepohl.github.io



PRACTICAL EXPERIENCE

Science Officer

Sep/2023 - present

Ostend, Belgium

Investigation of the influence of Electromagnetic Field Emissions of Offshore Wind Farm power cables on endangered fish. Skills: Data analysis, Acoustic telemetry.

Data Science Intern

Apr/2022 - Jun/2022

Ostend, Belgium

Development and maintenance of the R package for marineregions (online register for georeferenced marine place names). Skills: R, github, GIS.

Research Student

Fraunhofer CML, Maritime Technologies and Biomimetics Work Group

₩ Jul/2020 - Dec/2021

♥ Hamburg, Germany

Literature research and biomimetic concept development in the BIOIN-SPACED (biomimetic approaches to space debris removal) project. Skills: 3D printing, scientific & team work.

Computer Aided Design (CAD) Intern

♀ Gothenburg, Sweden

Hardware development for electrical power-assisted steering in trucks. Skills: CAD, 3D printing.

EDUCATION

Marine Biological Resources M.Sc.

Ghent University, Erasmus Mundus Degree

♀ Ghent, Belgium

- · Minor: Marine Spatial Planning, Universidad de Oviedo
- · Major: Analysis and Forecast of Marine Systems, Sorbonne Université
- · Scientific Expedition, Indian Ocean (2 weeks, October 2022)
- **Master Thesis**: The starry smooth-hound shark meets Acoustic Data Storage Tags: Analysis and visualisation of Mustelus asterias movement data for non-scientists, Flemish Marine Institute (VLIZ), Belgium

Biomimetics B.Sc.

Bremen City University of Applied Sciences

₩ Sep/2017 - Sep/2021

- ♥ Bremen, Germany
- · Training in biology, scientific writing, materials science, computer science, fluid mechanics, CAD and 3D printing
- · **Bachelor Thesis:** Towards the development of a flexible, shark skin inspired foil to reduce friction drag in ships, Fraunhofer Centre for Maritime Logistics (CML), Germany

Currently working as a Science Officer in the Marine Observation Centre (MOC) at VLIZ. I get excited about animal telemetry and biologging, neat maps (leaflet), smooth data analysis (R) and writing workflows (Quarto), and international collaboration to solve complex issues.

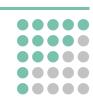
SKILLS

R, Rmd, LaTeX, git(hub) **MS Office, Affinity Designer** python, C/C++, QGIS, CAD HTML, CSS



LANGUAGES

German English **Swedish** French **Spanish**



CERTIFICATES

PADI Open Water Diver

FELASA C (Laboratory Animal Science)

Driving Licence

SCHOLARSHIPS

German Scholarship Foundation

Mar/2019 - Sep/2023

Monthly financial and comprehensive nonmaterial funding.

VOLUNTEERING

Alfred-Wegener-Institute (AWI) for Polar and Marine Research

Centre for Aquaculture Research: Daily monitoring of lifestock. Insight into scientific work. Scientific expeditions, North & Baltic Sea (3 weeks).

Large Marine Vertebrates Research Institute (LAMAVE)

i Jan/2020 - Mar/2020 ♥ Donsol, Philippines

Data collection for photo identification of whale sharks (via freediving), citizen science and community work.