

Job offer code: W/OZ/011

The Ocean Museum Germany in Stralsund is a natural history museum of national and international importance. It encompasses the MEERESMUSEUM, OZEANEUM, NATUREUM, und NAUTINEUM and is renowned for its extensive ocean exhibits and large public aquariums highlighting marine life in the cold and tropical oceans. The Ocean Museum Germany is one of the most-visited museums in Germany. Its respected scientific collections and research division have a focus on marine biology, oceanography, and fisheries.

The Ocean Museum Germany is located in the city of Stralsund, which was founded in 1234. As a member of the Hanseatic League, the beautiful city has a long-standing connection to the oceans, and the Baltic Sea in particular. It is a family-friendly environment and lies in one the prime vacation destinations of Germany.

We invite applications for **a full-time (39-hour) position** as

## Scientist (m/f/d)

**The position is available from July 15<sup>th</sup> 2024 and ends on 31 December 2024.** The place of employment is Stralsund, Germany.

The **research project PAL-CE** is funded by the "Bundesamt für Naturschutz". The main task is to test acoustic porpoise alert systems (PAL) for long-term use to prevent bycatch of harbour porpoises in gillnets. The project aims to answer, if PALs reduce bycatch in the long term and if their effectiveness changes over time. The reaction of harbour porpoises to PALs deployed in gillnets will be tested in the field and a cooperation with fishermen will be built up. The ideal candidate combines a good knowledge about Harbor porpoises with bio-acoustics.

### Your tasks include:

- Acoustic detection of harbour porpoises with multi-channel hydrophone arrays, SoundTraps, C-PODs and F-PODs.
- 3D-localisation of porpoises with acoustic methods (beam forming, time of arrival differences) in collaboration with other researchers.
- Scientific evaluation of acoustic data.
- Support of project management.
- Quality control, documentation of results, and reporting.
- Organization of project and scientific meetings.
- Representation of the museum with focus on research.
- Cooperation with national and international organizations.
- Scientific publication and presentation.

### Job requirements:

- PhD or MSc in geoinformatics, bioinformatics, physics, biology or related discipline.
- Experience in ultrasound acoustics.
- Knowledge in R and/or MATLAB for the analysis of acoustic data.
- Willingness to participate in research cruises, also on short notice and on weekends.
- Availability for domestic and international travels.
- Excellent knowledge of German and very good knowledge of English.
- Creativity, high degree of independence.
- Good communication skills within the team and with fisheries' representatives; ability to work in an interdisciplinary team.

### Desired requirements:

- Driver's license, license for small vessels.

We offer a salary related to the German public tariff (Entgeltgruppe 13, TVöD VKA) plus the usual social benefits for the public employment sector. The Ocean Museum Germany is an equal opportunity employer for women, minorities, and people with disabilities, and strives to increase the percentage of women in the science sector. Severely disabled persons with equal qualifications will be considered preferentially.

Please send your application (if possibly as pdf-file) including job offer code W/OZ/011 to [bewerbung@meeresmuseum.de](mailto:bewerbung@meeresmuseum.de) including your CV, motivation letter, list of publications, and list of references. **Closing date for applications is May 31<sup>st</sup>, 2024.**

Costs incurred during the application process will not be compensated. With your application, you agree that your personal data will be stored and processed until the end of the application process. More detailed information is available at <https://www.deutsches-meeresmuseum.de/datenschutz/>.