

**Job Opening: Student Research Assistant at
GEOMAR Helmholtz Center for Ocean Research Kiel**

The DeepSea Monitoring research group in the Department of Marine Geodynamics at GEOMAR Helmholtz Center for Ocean Research Kiel is seeking a student research assistant at the earliest opportunity.

The position is part of the **TRANKIEL** project (*Techniques for Reducing Hydroacoustic Noise from Underwater Explosions in Kiel Bay*), in which we are investigating ways to sustainably reduce underwater noise caused by underwater explosions. The goal is to minimize the impact of such explosions on the marine environment as much as possible by combining numerical simulations with real measurement data.

Your responsibilities:

- Processing and visualization of hydroacoustic data
- Simulation of seismo-acoustic events
- Development of scripts for the automated processing and analysis of hydroacoustic and seismoacoustic data

Requirements:

- Valid enrollment at a German university or university of applied sciences
- Very good programming skills (e.g., in Python, C, Java, etc.)
- Very good English language skills and basic German language skills

Desirable:

- Linux knowledge and experience using the Linux terminal
- Experience in signal processing
- Experience in the processing, visualization, and interpretation of large datasets

The position is a part-time role, with a weekly working time of around 8 to 14 hours. The initial contract will be for one year, with the possibility of extension for a further year.

If you have any questions, please contact Dr. Marc Seidel (mseidel@geomar.de). We look forward to receiving your application via email at trankiel@geomar.de.