

Jacobs University is a private, state-accredited, English-language research university in Bremen. We offer PreDegree, Bachelor's, Master's and PhD programs in the Focus Areas Health, Mobility and Diversity and are committed to the professional development of specialists and managers and to knowledge transfer. Guiding principles include the highest standards in research and teaching, interculturality, and cross-disciplinary collaboration. The aim is to optimally prepare talented individuals from all over the world for responsible tasks in a globalized working world. Currently, approximately 1,500 young people from over 110 nations live and learn on campus.

The department of Physics and Earth Sciences invites interested candidates to apply for the next possible date as a

Short-term Postdoctoral Fellow in Marine Acoustics / Data Science (m-f-d)

(Full-time; 38,5 hours/week; limited for 9 months)

Job ID 22~44

Your tasks:

- Software development, implementation, and enhancement of underwater acoustic multibeam systems (mbsystem)
- Extension of the existing infrastructure for data integration, management, and visualisation (RasDaMan)
- Participation in German Science Foundation project NFDI4Earth

Your profile:

- University degree (PhD) in Geoinformatics, Hydrography, Marine Sciences, Physics, Data Science, Applied Mathematics, Computer Science or similar
- Experience and strong programming skills in C++, preferably C++11, Boost Framework, and Git and GitHub/BitBucket repository management
- Good knowledge of hydrography, marine sciences, acoustics
- Familiarity with thread-parallel processing, network protocols and Matlab is a plus -Ability to work in an interdisciplinary environment
- Fluency in English, both written and spoken

We offer:

- The result counts: trust working hours for work-life balance
- Individual induction, promotion and development planning
- Free, extensive sports and health offers (currently under restrictions due to COVID 19)
- Green campus with recreation areas
- Jacobs University has extensive programs on sustainability, environmental sustainability, equal opportunities and high ethical values

If you enjoy a dynamic international working environment and like to work in a highly motivated and friendly team, you are exactly right with us! You can expect an open corporate culture with flat hierarchies as well as interesting and challenging tasks. During your induction, you will be optimally prepared for your area of responsibility.

Your application:

For further information regarding this position, please contact Prof. Vikram Unnithan, via email (v.unnithan@jacobs-university.de) or phone (+49 421 200 3161)

Please upload your relevant documents with details of your availability and salary expectations in the attached form. In order to do so, click [here](#) to go to our website.

The review of applications will begin immediately and will continue until the position is filled.

Jacobs University offers full equality of opportunity to all qualified applications and is an equal opportunity employer.