

PhD position  
Code: 10/D/Geo-P  
Faculty: Science  
Job type: Full time  
Location: Potsdam

The Alfred Wegener Institute Helmholtz Centre for Polar and Marine Research (AWI) is a member of the Helmholtz Association (HGF) and funded by federal and state government. AWI focuses on polar and marine research in a variety of disciplines such as biology, oceanography, geology, geochemistry and geophysics thus allowing multidisciplinary approaches to scientific goals.

The research group 'Polar Terrestrial Environmental Systems' in Potsdam, Germany, invites applications for a PhD position

focused on Long-term drivers of lake developments inferred from palaeo-environmental records in Siberia

Tasks and Background:

Arctic ecosystems experienced strong changes during the Late Quaternary period, which up to now only have partially been documented, particularly in the Eastern Arctic. As part of this position lake sediments will be collected and proxy analyses (diatoms, pollen and sediment-geochemical parameters) will be performed. Furthermore, available proxy-data from Siberia will be compiled and reanalyzed using multivariate statistical methods.

Requirements:

We are looking for a person holding a master degree in geoscience, ecology or data sciences. He/she should have some practical experience with multivariate statistics and good English language skills are a prerequisite.

Favourable

A willingness to participate in field campaigns in polar regions.

Experiences with databases, data management, and data analytics.

Know-how to organize polar research outreach activities

The position is limited to 3 years. The salary will be paid in accordance with the German Tarifvertrag des öffentlichen Dienstes (TVöD Bund). The place of employment will be Potsdam.

Questions will be answered by Dr. Boris Biskaborn ([boris.biskaborn@awi.de](mailto:boris.biskaborn@awi.de)) or Sigrun Gräning ([sigrun.graening@awi.de](mailto:sigrun.graening@awi.de)).

We offer a multi-disciplinary, international, and fascinating professional environment with flexible working hours for parents, state-of-the-art research equipment, and a first-rate infrastructure.

AWI aims to increase the number of women in the scientific staff and therefore encourages women to apply. Disabled applicants will be given preference when equal qualifications are present. The AWI fosters the compatibility of work and family through various means. Because of our engagement in the area of work-life compatibility we have been awarded the certificate "Career and Family".

Please send your application with the standard documentation (cover letter with motivation, CV, degree certificates, abstract of the Master thesis, names and addresses of two referees) quoting the reference number 10/D/Geo-P by January, 21st 2018 per e-mail (all documents merged into one PDF file) to [personal.potsdam@awi.de](mailto:personal.potsdam@awi.de).