

G E O W

**INSTITUTE OF
EARTH SCIENCES**



**UNIVERSITÄT
HEIDELBERG**
ZUKUNFT
SEIT 1386

The *Sedimentology and Marine Paleoenvironmental Dynamics Group* within the Institute of Earth Sciences, Heidelberg University, Germany, invites applications for

2 PhD or Postdoc positions in Micropaleontology / Geochemistry / Paleoclimatology

Both projects are funded by the German Research Foundation (DFG) and aim to better understand sea-level and ice-volume dynamics in a world that is warmer-than-today. For this purpose, sea-level/ice-volume change will be reconstructed for parts of the Oligocene and Miocene. The projects will be based on the geochemical analysis of well-preserved benthic foraminifera retrieved from ODP/IODP drill cores in the Atlantic and Pacific Ocean. More precisely, oxygen-isotope analysis will be combined with Mg/Ca-derived deep-sea temperatures to yield the oxygen-isotope composition of seawater, which is a proxy for global ice-volume and hence sea-level change.

Both positions can be filled with either a PhD student or a postdoctoral researcher. Minimum requirements for applicants are completion of a MSc degree in geosciences or a closely related discipline prior to appointment, and written and spoken fluency in English. The successful candidate should further have a strong background in either micropaleontology (preferably foraminifera), geochemistry or paleoclimatology. The work will be based at the Institute of Earth Sciences in Heidelberg, Germany. Depending on career stage of the successful applicants, appointment will be between 2 and 3.5 years, salary and social security benefits are according to a German civil service position (65-100% E13 TV-L).

Heidelberg University is committed to increasing the proportion of female scientific staff, and applications from women are especially welcome. Disabled persons will be given preference if equally qualified.

Applications (CV, cover letter including statement of research interests, and contact information of three referees familiar with the applicant's research) should be sent as a single pdf file to Prof. Dr. Oliver Friedrich (E-mail: oliver.friedrich@geow.uni-heidelberg.de). The closing date for applications is 10. August 2025 but applications are welcome until positions are filled.

For additional information please contact Prof. Dr. Oliver Friedrich, Sedimentology and Marine Paleoenvironmental Dynamics Group, Institute of Earth Sciences, Heidelberg University, Im Neuenheimer Feld 234, D-69120 Heidelberg, Germany; E-mail: oliver.friedrich@geow.uni-heidelberg.de