

GEOMAR Helmholtz Centre for Ocean Research Kiel is a foundation of public law jointly financed by the Federal Republic of Germany (90 %) and the state of Schleswig-Holstein (10 %) and is one of the internationally leading institutions in the field of marine sciences. Currently GEOMAR disposes over an annual budget of approx. 80 million Euro and has approx. 1000 employees.

The research units “Physical Oceanography” and “Marine Meteorology” of the research division “Ocean Circulation and Climate Dynamics” are offering a

Doctoral researcher position (m/f/d) on Pacific Coastal Niño events

starting at the earliest possible date. The position offers the possibility to attain a doctoral degree in natural sciences.

Job Description

The successful candidate will study warm events in the southeastern tropical Pacific Ocean by means of climate model simulations within the DFG-funded project “Pacific Coastal Niños - the role of Equatorial Heat Content and relation to SST phase propagation”. Performing targeted climate model experiments, the importance of equatorial heat content in determining whether a coastal warming event off Peru further develops into an equatorial El Niño will be investigated. An additional focus lies on the multi-decadal variations in the propagation direction of El Niño-related SST anomalies.

Qualification

Required:

- Master of Science degree in Natural Sciences
- Expertise in the field of Physical Climate Science/ Physical Oceanography
- Proficiency in spoken and written English

Beneficial:

- Experience with climate models, analysis of climate model data and/or statistical methods;
- Programming skills (Fortran as well as Python, Ferret and/or Matlab);

The position is available for a funding period of 36 months. The salary depends on qualification and could be up to the class E13 TVöD-Bund of the German tariff for public employees. This is a part-time position according to 75% of a full-time equivalent. The position can not be split. The fixed-term contract shall comply with Section 2 Paragraph 1 of The Act of Academic Fixed-Term Contract (German WissZeitVG).

GEOMAR Helmholtz Centre for Ocean Research Kiel seeks to increase the proportion of female scientists and explicitly encourages qualified female academics to apply.

GEOMAR is an equal opportunity employer and encourages scientists with disabilities to apply. Qualified disabled applicants will receive preference in the application process.

Please send your application for this post via email **in a single pdf-file** mentioning the keyword **"PaCoNi"** in the subject line. Please send your application not later than

July 30, 2021 to the following email address:

bewerbung@geomar.de

As soon as the selection procedure has finished, all your application data will be removed according to data protection regulation.

For further information regarding the position and research unit please contact Dr. Joke Lübbecke (jluebbecke@geomar.de).

Please do not contact us by phone about the present state of procedures. However, we will answer all your questions if you send us an e-mail to bewerbung@geomar.de. In doing so, please refer to the keyword.

GEOMAR is a member of the Helmholtz Association and the German Marine Research Consortium (KDM). For further information please visit www.geomar.de or www.helmholtz.de.

GEOMAR is committed to an objective and non-discriminatory personnel selection. Our job advertisements address all people. We expressly renounce the submission of application photos.



The TOTAL E-QUALITY award is presented to GEOMAR for efforts in terms of human resource management aimed at providing equal opportunity.