# Job Announcement in Oceanography
# (Post-Doc for 35 months)

The announced position is part of a bilateral initiative on the Arctic between Germany and Russia and will be carried within the co-operative project “The Transpolar System of the Arctic Ocean“. The sub-project of the Academy of Sciences, Humanities, and Literature, Mainz is funded by the German Ministry for Science and Education (BMBF). It is embedded at GEOMAR Helmholtz Centre for Ocean Research Kiel (Germany) and aims at a better understanding of the paleoclimate variabilities and processes in the North Polar region.

An academic qualification with a PhD in Oceanography, Physics, Geosciences or related sciences is compulsary. We also expect good English language skills, a solid publication record within the respective field of work, and the willingness to work in a team and participate in expeditions with a duration of several weeks. Previous work with isotope data will be an advantage. The candidate will closely co-operate with our partner institutions and present results at project-related workshops and international meetings.

The succesful candidate will investigate the impact of sea-ice processes on the hydrology of the Laptev sea shelf and the Fram Strait area based on the stable oxygen isotope composition of sea water. By combining stable oxygen isotope data and salinity it is in general possible to distinguish the contribution of river water and sea-ice melt-water or brine-water within the water column. The successful candidate will conduct the water sampling within a team of the German and Russian partners and will evaluate the isotope analyses. This includes a water mass analysis based on CTD and isotope data and the calculation of water mass budgets. A close cooperation on neodymium isotopes and oceanographic and atmospheric data obtained by other partners within the project has to be realized.

Employment will be with the Academy of Sciences and Literature Mainz, but place of work is at GEOMAR within the Research Unit of Paleoceanography (http://www.geomar.de/). Salary will be according to the German civil service remuneration system E13 TV-L. The appointment is for 35 months – an extension may be possible but would also depend on any future project prolongation and funding.

The Academy of Sciences and Literature Mainz intends to increase the proportion of female employees in science; women are particularly encouraged to apply. In case of equal personal aptitudes and qualification disabled persons will be given priority.

We expect the position to be filled on April 1st, 2013. Written full applications (including a cover letter naming two references, a CV, and a list of publications and other scientific accomplishments) should be sent before February 28, 2013 under the keywords "**TD-Ocean**" to:

EMAIL *Projektverwaltung@adwmainz.de*

Further information is available from www.geomar.de and from project leaders Dr. Robert Spielhagen (rspielhagen@geomar.de) and Dr. Dorothea Bauch (dbauch@geomar.de)