



Vrije
Universiteit
Brussel

Post-doc in marine sediment biogeochemistry

The department of Analytical and Environmental Chemistry at the Free University of Brussels is offering a three-year post doc project (with the possibility of extension) that will investigate the role and impact of the ocean floor on the global carbon cycle. The project's principal aim is to quantify the impact of biological reworking (bioturbation, bio-irrigation) on oxygen consumption, organic matter processing and carbon burial in marine sediments. The research involves data-mining as well as biogeochemical model simulations of the global ocean floor. The candidate will collaborate internationally with investigators at SAMS (UK), Dalhousie University (Canada) and NIOO-CEME (The Netherlands) as part of an ongoing FWO-Odysseus project.

Profile and qualifications: We seek a creative person with a broad interest in global biogeochemistry and climate science, who is motivated to work in an international and multidisciplinary research environment. Candidates must hold a PhD degree in biogeochemistry, oceanography, chemical engineering, environmental science or a related field. Quantitative skills and experience with mathematical modelling are a plus. Salary and employment terms are set in accordance with the university regulations at the time of appointment.

Please send a CV, cover letter, and names of three references to: Dr. ir. Filip Meysman, Vrije Universiteit Brussel, Laboratory of Analytical and Environmental Chemistry, Pleinlaan 2, B-1050 Brussels, Belgium (Email: filip.meysman@vub.ac.be)

Information about the department of Analytical and Environmental Chemistry at the Free University of Brussels can be found at <http://www.vub.ac.be/ANCH/>. For additional information about the project contact Filip Meysman.

Deadline for application: 01 April 2008.