

POST-DOC POSITION IN GEOCHEMICAL MODELLING



**Cefrem – Centre de Formation et de Recherche
sur l'Environnement Marin, Perpignan (France)**

The *Centre de Formation et de Recherche sur l'Environnement Marin (Cefrem)* in Perpignan (France) invites applications for a post-doctoral fellowship in the field of geochemical modelling. The selected candidate will be in charge with the development and application of modelling approaches for the quantification of river fluxes of water, sediments and associated key elements (C, N, P) to the Mediterranean and Black seas. These approaches should allow both a retrospective view of the major changes of these fluxes during the second half of the last century, as well as the development of future scenarios in combination with the available outputs of General Circulation Models (GCMs).

The position is a research-only post, with no teaching obligations. The work is part of a European research project and has to respect the deliverables that were defined within the project. The *Cefrem* will provide substantial support in a highly stimulating environment, and we expect the successful candidate to undertake high quality original research in his/her specific field. We are especially, but not exclusively, interested in candidates with scientific background on surface water geochemistry, who already have experience with the development of empirical and/ or process-based models on the transport of geochemical compounds in rivers. Profound knowledge in the use of appropriate computer software (ArcGIS) and/ or programming languages (Fortran, IDL, Matlab, ...) is recommended.

The position will begin at the earliest in December, 2006. It is for one year initially, and could be extended for one extra year. A Ph.D. is required. Salary will be based on the CNRS grid for post-doc positions, corresponding to about 21000 €/yr net (deduced for contributions to social security, unemployment assurance, etc.). Applications including cover letter, curriculum vitae, list of publications, reprints of selected publications, short statement of research interests, and the names and addresses of three referees should be sent to:

Dr. Wolfgang Ludwig
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52, av. Paul Alduy
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Screening of applications will begin September, 2006, and will continue until a suitable candidate is found. Preference will be given to candidates that are operational at the earliest convenience.