

JOB OPPORTUNITY

Title of the job : **Assistant Professor in Physic Sedimentology : modeling of land-sea sediment transfer**
University of Brest, France

Profile : In the general line of research regarding the sediment transfer from source to sink, the lab is seeking competences on the **dynamics and numerical modeling of sediment transfer in coastal and deep-sea environments** in response to climatic, tectonic and anthropogenic forcing. This modeling will complement in-situ measurements (cores, diachronic swath-bathymetry and seismic surveys, current-meters, ...) and paleo-environmental reconstructions of sediment deposits, performed in the lab.

This assistant professor will teach and develop new classes, at undergraduate and graduate levels, in applied geology: imaging and characterization of sediment deposits, geomorphology, sediment transport processes in coastal and deep-sea environments.

The lab is involved in a Laboratory of Excellence (Labex MER), funded for 10 years from November 2011 and focused on Marine studies, particularly on land/sea sediment transfer. The new assistant professor is expected to take part of the Labex activities (research projects, Summer schools, supervising PhD's, attracting post-docs, etc).

Applications for this **permanent position at the University of Brest** will be open in February 2012 for a start in September 2012.

Address of the laboratory and contact :

Laboratoire Domaines Océaniques, rue Dumont d'Urville, 29280 Plouzané
(joint laboratory of CNRS and University of Brest)

<http://www-sdt.univ-brest.fr>

Contact: dir-umr6538@univ-brest.fr, Pr Christophe Delacourt (Head of Lab)