

Université de Liège (ULg), Belgium

<http://www.ulg.ac.be>

June 29, 2007

We are seeking to hire one

PhD Student

*for conducting research in the framework of the
Interuniversity Attraction Pole*

TIMOTHY

*Tracing and integrated modelling of
natural and anthropogenic effects on hydrosystems:
the Scheldt River basin and adjacent coastal North Sea*

Timothy is a five year research project carried out by an interdisciplinary team composed of microbiologists, biogeochemists, mathematicians, engineers, physical and ecological modelers and environmental economists from a network of Belgian and French universities (ULB, ULg, UCL, VUB, MRAC and Paris VI). The aim is to describe and model the modifications of aquatic system functions in response to anthropogenic and global changes.

The main task of the applicant will be to take part in the development of a coupled hydrodynamical-biogeochemical model describing the transport and fate of key "pollutants" (nutrients, metals, xenobiotic, faecal bacteria) in the Scheldt estuary and the Belgian Coastal Zone.

The ideal applicant will have some background in fluid mechanics or oceanography and good programming capabilities. He/She should also be able to work in an interdisciplinary framework.

The four year contract is expected to start in September or October 2007.

Applications should be made to the principal investigator at ULg, Eric Delhez (E.Delhez@ulg.ac.be). Informal inquiries may be directed to him.