



1st December 2008

The **Research Laboratory in Environmetrics and Geomatics of the Department of Environmental Sciences and Land Use Planning**, Université catholique de Louvain, is opening a

PhD position in remote sensing (36 months)

to develop methods of change detection towards operational monitoring of surface water (flooding and water stress) and land use change (deforestation, agriculture conversion, etc) in Europe and Africa. This project is carried out in the framework of the GEOLAND-2 research project supported by the European Commission (FP7) and involving 52 Europeans partners. The UCL contribution to this project concerns the development of satellite remote sensing methods to detect the waterbodies dynamics and the land cover change from time series of medium resolution satellite imagery over the whole Europe and Africa. This research is oriented towards operational services for decision makers and will be implemented into three production chains operated by different Europeans partners.

The candidate will be :

- graduated as bioengineer or equivalent ;
- trained in remote sensing and geomatics ;
- fluent in french and english ;
- eligible and motivated to complete a PhD thesis ;
- able to actively contribute to an international team work.

Additional experiences in remote sensing, image processing, and travels in African countries are most welcomed.

For any complementary information, please contact Mme Pascale Thiran-Jacobs (Ph. : 32 (0) 10 47 36 81) or Prof. Pierre Defourny (Pierre.Defourny@uclouvain.be).

The interested candidates are invited to send a detailed curriculum vitae and a motivation letter in a paper format and by email before the **17th December 2008** to

Prof. P. Defourny
UCL – Dpt of Environmental Sciences and Land Use Planning
Croix du Sud, 2 bte 16
1348 Louvain-la-Neuve
Belgium