

The Royal Belgian Institute of Natural Sciences

is recruiting

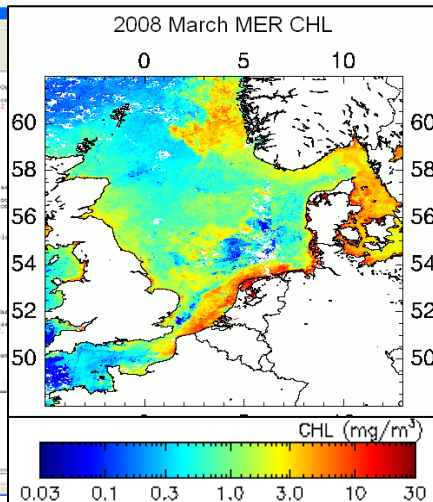
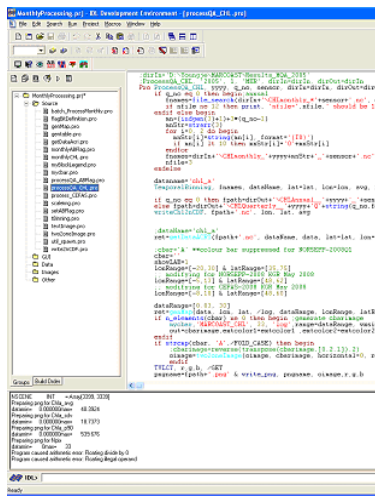
3 Scientists (optical remote sensing)

for a

contract of fixed duration until December 2019

Context

The researchers will work in the team REMSEM (Remote Sensing and Ecosystem Modelling) in the Operational Directorate Natural Environment (OD Nature) of the RBINS and will work on research projects in the field of optical remote sensing of coastal and inland waters. The REMSEM team uses satellite data to measure parameters of environmental relevance such as the concentrations of chlorophyll a (phytoplankton) and suspended sediments. A description of our remote sensing activities can be found at <http://odnature.naturalsciences.be/remsem/>. More general information on RBINS/OD_Nature's marine activities can be found at <http://odnature.naturalsciences.be/home/>.



Tasks

Three positions (abc) are available with main task (60% time) one of:

- Optical modelling and remote sensing algorithm research and development,
- Multi-mission satellite data processing software development and exploitation for aquatic research and applications, OR
- Optical measurement data acquisition and processing and instrument management

In addition each scientist will be responsible for: Interactions with users of satellite data and/or web site content development (20%); and project management/administration tasks (20%).

Diploma

- PhD in Remote Sensing or equivalent publications (min. 3 peer-reviewed as 1st author)

bc) Scientific Masters (or similar)

Technical skills

- ab) Talent for computational scientific work (automated mass data processing)
- c) Talent for work with scientific instruments including fieldwork

General skills

Enthusiasm for research and an innovative spirit;
Ability to work flexibly in a team on multiple projects
Good communication skills (oral presentation, scientific publications, web site content, etc.)
Good knowledge of English is necessary; A basic knowledge of either French or Dutch is desirable and a willingness to improve is essential.

Experience

Experience in remote sensing data processing is an advantage for positions a & b

Our offer

The employment contract will start as soon as possible and be of fixed duration, ending December 2019 with possible extension if funding permits.

The salary is defined according to the standard scale for federal government scientists as published in the *Moniteur Belge/ Belgisch Staatsblad* (<http://www.ejustice.just.fgov.be/cgi/welcome.pl>) A.R./K.B. 2.6.2010 (publication 10.6.2010), for a) grade SW2 OR bc) grade SW1 with index = 1.6406 (July 2017)

The workplace is Brussels 1200 (100 Gulledele) until early 2018, thereafter probably Brussels 1000 (29 rue Vautierstraat) with typically 5-20 days per year abroad for workshops, conferences and other meetings and ab) 3-10 days per year at sea OR c) 10-20 days per year at sea.

Free public transport is offered from home to workplace as well as a bicycle bonus.

How to apply

Applications, including a curriculum vitæ, should be addressed to Kevin RUDDICK, and should be sent before **12:00 4th September 2017** by email to jobsREMSEM17@naturalsciences.be. A single application can be sent for consideration for all 3 positions. Selected candidates will be invited for an oral interview in mid-September.

Questions? Send an email to jobsREMSEM17@naturalsciences.be.