



# JOB OPENING

The Royal Observatory of Belgium (ROB) seeks a collaborator for its GNSS activities

The European Plate Observing System (EPOS) aims at better understanding the physical and dynamic processes underlying earthquakes, volcanic eruptions, tsunamis and tectonic forces on Earth.

The ROB is currently involved in the development of the Global Navigation Satellite Systems (GNSS) component of EPOS. This component will consist of a European network of more than 3000 GNSS stations to monitor ground movements in Europe.

The ROB is committed to providing operational GNSS services to EPOS from 2020: a service centralizing and validating the metadata of GNSS stations, a service monitoring the quality of GNSS data, a European access point to GNSS data, and the calculation of ground deformations.



## Tasks

The offered position will involve support to ROB's GNSS-related EPOS services at IT as well as scientific level. The tasks will include

- analysis, design, and implementation of a Belgian GNSS data node integrated in EPOS;
- analysis, design, and implementation of systems monitoring EPOS' GNSS performance;
- participation to the operational duties of ROB's GNSS-related EPOS services.

## Profile

Candidates are sought according to the following profile:

- master in exact or applied sciences;
- communicate fluently in English;
- solid programming skills (perl, php, python, java,...) or interested to learn;
- knowledge of databases, and web developments;
- scientific and critical thinking;
- experience with GNSS is an added-value.

The selected candidate will ideally combine the above characteristics. Early career scientists are also invited to apply.

## ROB offers

The ROB

(<http://www.observatory.be>) is a Belgian federal research institute in green outskirts of Brussels (Ukkel). The job opening is in the GNSS team, a small international group of dedicated



scientists and informaticians. ROB has a flexible system of working hours and teleworking. The offered position is a full time contract at SW1 scale for minimally one year and is available from July 2019 on. Salary is according to the Belgian federal civil servant regulations.

## How to apply?

Send your CV and an accompanying motivation letter as soon as possible to [C.Bruyninx@oma.be](mailto:C.Bruyninx@oma.be) with copy to [J.Legrand@oma.be](mailto:J.Legrand@oma.be). Candidates can contact Carine Bruyninx (+32 2 3730292) for additional information. Applications are welcome until May 31 2019 included.