Permanent (full-time) scientific vacancy in the field of “Climatology”.

**Start date:** 01/10/2022

**Vacancy reference:** FS-211215-02

**Job description**

A position for a first assistant in the field of Climatology, attached to the Department of Geography.

**Teaching activities**

Climatology is a very promising field of study with regard to the issue of climate change. The arrival of the first assistant will make it possible to consolidate these courses within the curricula organised by both the Department of Geography and the Department of Environmental Sciences and Management. The expected teaching load (in bold, the parts of the teaching where the post-holder will be the only teacher) is as follows (± 200 hours):

- GEOG2016 : Elements of physical geography - Climatology part (10h Th./**25h Pr**/2 days T.)
- GEOG2020: Elements of meteorology (10h Th./**15h Pr**/2 days T.)
- GEOG0660: Introduction to modelling in physical geography - Part 1: Enviro. (**15h pr**)
- CLIM0660: Introduction to modelling in physical geography - Part 2: Climatology (5h Th./**20h Pr**)
- CLIM0024: Introduction to modelling in physical geography - Part 3: Adv. Climatology. (5h Th./**20h Pr**)
- CLIM0017: Climate modelling - Part 1: atmosphere (**20h Pr**)

Finally, the first assistant will be responsible (following and developing/improving teaching sessions) for the University of Liège MOOC (Massive Open Online Course) in "climatology" for students in the first year of the Bachelor’s programme.

**Research Activities**

The Climatology Laboratory of the University of Liege is increasingly called upon to provide weather forecasts and climate data based on the MAR climate model. This is due to the increasing number of disciplines that are now incorporating the issue of global warming into their research. In order to successfully carry out this multidisciplinary research, climate data are needed, but it is also essential to have the expertise to use them. Very often, the knowledge of a climatologist was required to correctly interpret the data in question for the scientific use that was being sought (e.g. future climate projections). The growing demand for Climate Services comes from colleagues at the University of Liege, from colleagues at other universities, but also from companies and administrations outside the University.

The activity of the first assistant will allow the development of a CARE aimed at centralising all requests. In the long term, the ambition is that this CARE could become a benchmark in French-speaking Belgium for the distribution of climate data (or climate services). The first assistant will be responsible for the weather stations of the Climatology Laboratory, used to validate the MAR model, including the Mont-Rigi station. They will thus contribute in one way or another to the development of the Station Scientifique des Hautes-Fagnes.

**Services to the Community**
The first assistant will be asked to actively contribute to the promotion of: i) Geography (by participating in student fairs, by contributing to the website and by giving public lectures on climate change) and ii) the research carried out within the SPHERES research unit (by initiating new collaborations between the departments of Geography and Environmental Sciences and Management). Finally, the first assistant will be asked to respond to the increasing number of media requests on climate change. In particular, the applicant will represent the Climatology Laboratory at the weekly briefing with the RTBF weather team and will be responsible for the scientific content of RTBF’s “Quel Temps” programmes.

Qualifications required / profile
- Must hold a doctorate;
- The applicant must demonstrate skills in climatology, climate modelling and programming (Fortran, Linux, Python, etc.).

A long-term post-doctoral research stay abroad is a major asset.

Selection procedure
The selection procedure will be in accordance with the regulations applied within the University of Liège.

Our institutional policy is based on diversity and equal opportunities. We select candidates on the basis of their qualities regardless of age, sexual orientation, origin, beliefs, disability or nationality.

Applications
Applicants are requested to submit their applications electronically, to the following address: Postesscientifiques@uliege.be with a copy to Ms Françoise Motte - francoise.motte@uliege.be by 18/03/2022 the latest.

Documents required:
- Applications should be submitted (with a cover letter), accompanied by a complete curriculum vitae (see the procedures on the website of the Faculty of Sciences at: https://www.sciences.uliege.be/emploi-sciences
- A report on past and current research activities and a research plan, including the envisaged integration within the University of Liège;
- A teaching file including a report on any prior teaching activities and a teaching plan;
- A copy of any publications (electronic version).

Recruitment conditions
The position shall be assigned either for a fixed term of four years, which may lead to the permanent appointment of the person concerned or on a permanent basis from the outset.

Information
Any further information can be obtained from Ms Françoise Motte - tel: +32 (0) 4 366 36 52 – francoise.motte@uliege.be

Remuneration:
Salary scales and how they are applied are available from the human resources department of the University: Ms Ludivine Depas – tel.: +32 (0) 4 366 52 04 – Ludivine.Depas@uliege.be