

FULL-TIME ACADEMIC VACANCY

FACULTY OF SCIENCES

FIELD: GEOMATICS

START DATE: 01/09/2024

The University of Liège is the biggest French-speaking public university in Belgium. It employs more than 5,700 staff members across four campuses, including 3,600 active teachers and researchers in all fields of the human and social sciences, science and technology, and health sciences. It hosts nearly 27,000 students of 123 different nationalities in one of the most multicultural and dynamic cities in Europe, less than an hour from Brussels and Cologne, two hours from Paris, and three hours from London and Amsterdam.

Actively involved in the social and environmental transition, ULiège supports students to fulfil their roles as responsible citizens (training in sustainable development, Green Office, etc.) and promotes ethical, multidisciplinary and open research. ULiège is committed to the region in which it operates and contributes towards local socio-economic development. It has developed numerous partnerships, notably with the university hospital. International and united, it participates in the [European University of Post-Industrial Cities, UNIC](#) initiative and has one of the most extensive collaborative networks in the world.

ULiège offers attractive career prospects [in a high-quality working environment](#), promoting well-being, diversity and equality of opportunity. Since 2011, ULiège has been proud to display the European [Human resources strategy for researchers](#) (HRS4R) label, which reflects its commitment to open, transparent and merit-based procedures. In addition, it recognises the quality and diversity of research in line with the recommendations of the [Coalition for Advancing Research Assessment \(CoARA\)](#). ULiège encourages its academic staff to travel internationally and welcomes international researchers through its EURAXESS centre.

JOB DESCRIPTION

A full-time, indivisible post in the field of Geomatics within the Geography Department. This post includes teaching and research activities, as well as services to the Community.

TEACHING ACTIVITIES

The job-holder will be responsible for teaching courses at Bachelor's and Master's level, particularly in the fields of the acquisition and processing of spatial data, including managing integrated projects and data collection in the field.

For example, the course load may include the following courses:

- ▶ Methods of acquiring spatial data (30h Th, 30h Pr) - Bachelor's level
- ▶ 3D data processing (30h Th, 30h Pr) - Master's level
- ▶ Topography (30h Th, 30h Pr) - Master's level
- ▶ Integrated data acquisition project (80h Pr) - Master's level
- ▶ Error theory (20h Th, 30h Pr) - Master's level

In addition, the successful applicant may be asked to develop one or more new courses depending on their expertise.

RESEARCH ACTIVITIES

Applicants will be expected to manage and develop international-level research in geomatics, with a particular focus on emerging approaches and technologies such as artificial intelligence and the analysis of Big Geospatial Data.

SERVICES TO THE COMMUNITY

The job-holder will be expected to take part in services to the community, particularly within the Department of Geography and the Faculty of Sciences.

QUALIFICATIONS REQUIRED / PROFILE

Applicants must hold a doctorate in geomatics or a related field;

Research profile:

- ▶ Applicants must be able to demonstrate
 - strong potential and great autonomy in terms of research;
 - International fundamental research experience¹ in one of the fields of geomatics.²
- ▶ Applicants should be able to propose ways of integrating this into the existing research fields within the Geomatics Unit and, more broadly, within the University.
- ▶ Post-doc experience is a plus and will be, in all cases, essential for progressing.

Teaching profile:

- ▶ Applicants must
 - be able to demonstrate excellent teaching skills;
 - Demonstrate their ability to teach about spatial data acquisition, management and processing (topography, lasergrammetry and photogrammetry).
- ▶ The ability to speak French for the Bachelor's level courses is a plus, without being essential at the time of appointment.

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

Applications should be made using the online form available on the following website: https://my.uliege.be/portail/go_xt.do?a=o%7C11004%7Ce%7C568686 no later than 18/02/2024 (before midnight Belgian time). Late applications may be refused.

¹ The practical use of different geomatics tools in the context of a specific application is not considered as sufficient experience

² Geomatics includes, in its widest sense, the fields of GIS, data acquisition (topometry, lasergrammetry, photogrammetry) (topographie, lasergrammétrie), remote sensing, geodesy, GNSS, etc.

DOCUMENTS REQUIRED:

- ▶ Cover letter.
- ▶ A full CV (according to the methods given by the Faculty of Sciences, see [HERE](#)).
- ▶ Complete list of publications.
- ▶ A report on past and current research activities and a research plan (three pages) including the envisaged integration within the University of Liège.
- ▶ A teaching file including a report on any prior teaching activities and a teaching plan (3 pages).
- ▶ A copy of publications in digital format.

RECRUITMENT CONDITIONS

The post-holder will be appointed either for a fixed term of four years, or definitively.

If the post is granted for a fixed term, an evaluation will take place during the third year.

- ▶ If this evaluation is negative, the appointment will end after the four-year period.
- ▶ If the assessment is positive, the person concerned shall be appointed on a permanent basis.

INFORMATION

Information about the vacancy and the recruitment procedure can be obtained from **Mr Roland BILLEN** - tel.: +32 (0) 4 366 36 37 – rbillen@uliege.be

Any further information can be obtained from the administrative department of the Faculty: **Ms Ninfa GRECO** – tel.: +32 (0) 4 366 50 41 – N.Greco@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

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