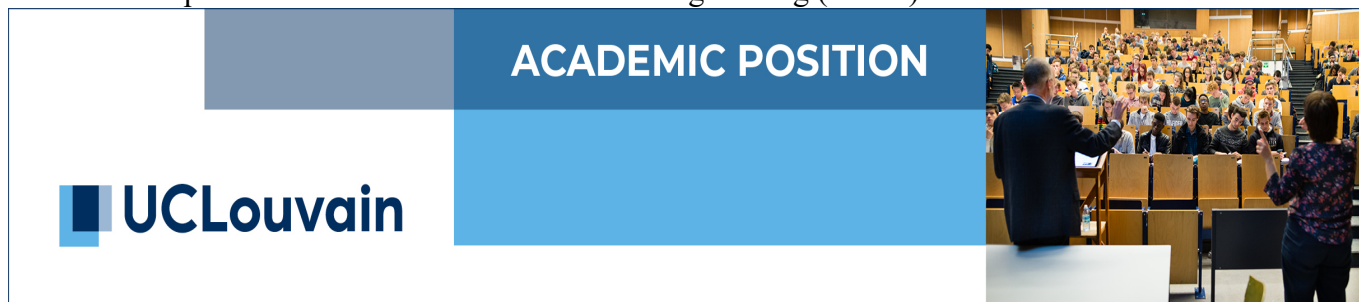


An academic position in Civil and Environmental Engineering (1 EFT)



**Vacancy Reference:** 23811 / EPL 015 / 2020 (to be quoted in any correspondence)

## **UCLouvain invites applications for a tenure track or tenured full time position in Civil and Environmental Engineering**

### Introduction

UCLouvain is a comprehensive university offering, in the context of the present position, the opportunity of cross-disciplinary research and teaching collaborations with specialists in the field of civil engineering, environmental engineering, architecture, materials and processes, applied mathematics, numerical and computational sciences, energy and thermodynamics, among many others. The position is attached to the Louvain School of Engineering (EPL) and the Institute of Mechanics, Materials and Civil Engineering (iMMC) that offer opportunities for diverse and stimulating teaching as well as an environment to carry out ambitious research. The Louvain School of Engineering (EPL) is committed to excellence and innovation in education, witnessing constant growth of enrolments in the engineering and doctoral degrees since 10 years. The Institute of Mechanics, Materials and Civil Engineering (iMMC) offers a dynamic, highly collaborative and interdisciplinary research environment involving roughly 30 faculty members, 150 researchers and 50 technical and administrative staff. It hosts 3 outstanding technological platforms, one of which closely linked to the field of civil engineering.

The Louvain-la-Neuve site offers a unique living environment inside a naturally preserved neighbourhood, conveniently located to the heart of Europe.

### Description of the mission

#### **Teaching**

The successful candidate will have teaching assignments in the field of civil engineering (including geomechanics, but not only) within the various BSc and MSc degree programmes organised by the Louvain School of Engineering (EPL) and by the Faculty of Architecture, Architectural Engineering and Urban Planning (LOCI).

#### **Research**

The successful candidate will develop and drive a cutting-edge research program at the forefront of the civil and environmental engineering field. Preference will be given to candidates with profiles evidencing engagement in multi- or interdisciplinary research including especially the branch of geotechnical engineering/geomechanics, but also open to hydraulics and structural engineering. The latter include but are not limited to :

- New challenges in civil engineering due to climate change, ocean level rise, floods, soil dewatering;
- Civil engineering structures and infrastructures under extreme conditions, landslides, soil liquefaction;
- Smart foundations, smart structures;
- Infrastructures for sustainable energy production, offshore engineering;
- Sustainable exploitation of natural resources;
- Eco friendly structures, materials and geomaterials;
- New construction processes compatible with robotics and automation, including parametric design.

## Practical Information

**Application deadline: 15<sup>th</sup> November 2019**

**Starting date: 1<sup>st</sup> September, 2020**

### Further information:

Prof. Michel Verleysen, Dean EPL – [doyen-EPL@uclouvain.be](mailto:doyen-EPL@uclouvain.be)

Prof. Thomas Pardoën, President IMMC – [president-immc@uclouvain.be](mailto:president-immc@uclouvain.be)

**Do not forget to read the important information before applying**

**Localization:** Science and technology sector

Louvain School of Engineering (<https://uclouvain.be/en/facultes/epl>)

Institute of Mechanics, Materials and Civil Engineering (<https://uclouvain.be/en/research-institutes/immc>)

## General conditions

### Tasks: the applicant will

- Be responsible for teaching courses at all study levels (i.e. undergraduate and postgraduate), as well as in programmes of continuing education;
- Supervise the final diploma research (i.e. theses) of undergraduate and graduate students, as well as PhD theses;
- Be involved in (and/or supervise, promote) research programmes;
- Contribute to the international visibility of the University through teaching and research excellence;
- Be available to carry out, in the long term, different service activities and responsibilities within the University and its entities;
- Contribute to activities of the University with a societal impact in the fields of the economy, socio-cultural changes or cooperation with developing countries.

### Qualifications: the applicant must have

- A PhD degree in engineering, in the field of civil or environmental engineering or a closely related field;
  - A significant scientific record with international publications;
  - Either studied abroad for an extensive period or have had substantial experience outside his or her university of origin;
  - Experience in and the aptitude for teaching at university level, demonstrated if possible by formal assessments;
  - The capacity to work within a team of teachers and to integrate research findings into teaching;
  - Creativity and must be open to teaching innovation and interdisciplinarity;
  - The capacities required to undertake high-level academic research: capacity to raise research funds, to supervise projects, to animate and lead a research team;
  - Team management and communication skills, including if possible fluency in French and English, spoken and written.
- Otherwise, you will be asked to acquire them within two years after taking office, in order to be able to communicate and teach in these languages. Knowledge of other languages is an additional asset.

### Offer

The level of recruitment (appointment to the rank of lecturer or professor) will be discussed if a proposal is made to you, in connection with your previous academic experience. For more information, see: [jobs.uclouvain.be](https://jobs.uclouvain.be).

Our HR policy supports equal opportunities and diversity including in the academic career. Attention is also paid to reconciliation of private life and professional life.

## Online application

- <https://jobs.uclouvain.be/PersonnelAcademique/go/UCLouvain-Personnel-academique/3272201/>
- <http://academicpositions.eu/employer/universite-catholique-de-louvain/>.