



<http://www.uclouvain.be/en-emploi-academiques.html>

**Vacancy Reference :** 10702 / EPL 015 / 2017 (to be quoted in any correspondence)

**The Université catholique de Louvain invites applications for a tenure track or tenured full time position in Geotechnical engineering**

The successful candidate will have experience in high level research in the field of geotechnics and/or soil mechanics. His/her competencies will involve, for instance:

- Soil-structure interaction,
- Soil dynamics, earthquake engineering,
- Mechanics of granular and saturated media,
- Marine and offshore geotechnics,
- Geomechanical instrumentation and experimental methods in geotechnics,
- Numerical simulation methods in geotechnics.

He or she will carry out research in one or more of these fields. The capability and interest to develop experimental work, in laboratory or in situ, will be highly appreciated.

The successful candidate will have teaching assignments in the above-mentioned fields within the various degree programmes organised by the Faculty (Bachelor and Master degrees in Engineering). In particular, he or she will have a significant implication in teaching in civil engineering and construction.

Within the Sector of Sciences and Technologies (SST) of UCL, the position will be within the Institute of Mechanics, Materials and Civil Engineering (iMMC) and the Louvain School of Engineering (Ecole polytechnique de Louvain, EPL).

**Starting date :** 1st September, 2017

**Further information :**

Professor Michel Verleysen, dean EPL – [doyen-epl@uclouvain.be](mailto:doyen-epl@uclouvain.be)

Professor Thomas Pardoën, research director iMMC – [president-immc@uclouvain.be](mailto:president-immc@uclouvain.be)

**Localization :**

Science and Technology Sector  
Louvain School of Engineering

(<http://www.uclouvain.be/en-epl.html>)

Institute of Mechanics, Materials and Civil Engineering (<http://www.uclouvain.be/en-immc.html>)

## **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 students;
- be involved in (and/or supervise, promote) research programmes;
- contribute to the international visibility of the University through teaching and research excellence;
- 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, or any related discipline;
- a significant scientific record with international publications;
- either studied abroad for an extensive period or have had substantial experience outside UCL;
- experience in and the aptitude for teaching at university level;
- 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 academic research at a high level and to advise, or lead, a research team;
- good knowledge of both spoken and written French and English. If this is not the case, the applicant accept to learn French and/or English in order to be able to teach in French and English within 2 years. Fluency in other languages is an additional advantage.