



UNIVERSITÉ  
LAVAL

Faculté des sciences et de génie  
Département de géologie et de génie géologique

### **Tenure-track position in geo-hazards and ground stability**

The first francophone university in North America, l'Université Laval is amongst the top-ranked comprehensive universities in Canada. Recognised for its leadership and high-achievements in education and research, it offers a convivial and diverse environment in the heart of Quebec City, a UNESCO World Heritage City of 750,000 inhabitants (<http://www.quebecregion.com/en/>).

The university community counts amongst its ranks over 40,000 students and offers an engaging work environment which was recently ranked by Forbes magazine as one of Canada's best employers.

The Department of Geology and Geological Engineering ([www.ggl.ulaval.ca](http://www.ggl.ulaval.ca)) consists of 12 professors, two of whom hold Research Chairs and two others with Leadership Teaching Chairs. The department is host to two undergraduate programs, namely Geology and Geological Engineering. It also offers two masters and a doctoral program in Earth Sciences. The student body includes over 150 undergraduate and 50 graduate students. Research activities within the department revolve around four main research themes: ground water, geo-hazards, mineral resources and geomaterials. Reducing the impacts of geo-hazards on society constitutes one of the strategic research fields within the research development plan (2015-2020) of the university.

#### **Position description**

- Tenure-track position;
- Teach courses at the undergraduate and graduate level in French in the field of geology and geological engineering;
- Supervise and coordinate graduate student research in the field of geology and geological engineering;
- Develop and secure external funding for a high-quality research program in the area of geo-hazards and ground stability risks and consequences;
- Assume an active role within the department by contributing to internal administrative tasks that are often beyond normal teaching and research duties.

#### **Selection criteria**

The selected candidate will have a solid expertise in Earth Sciences, including Quaternary geology and geotechnical investigation, with a specialty in geo-hazards related to ground instability.

Furthermore, the selected candidate will have to meet the following criteria:

- have been awarded an undergraduate degree (or equivalent) in geological engineering or in a related field and a doctoral degree in a field that is appropriate to the position;
- demonstrate a solid track-record with regards to terrestrial and/or offshore field and laboratory experiments;

- demonstrate the ability to develop, fund and manage a high-quality and high-impact research program;
- provide evidence of ability to collaborate within multi-disciplinary research teams and networks and demonstrate a positive contribution to these research entities;
- provide evidence of being skilled in the development of high-quality course material using rich and engaging content for regular and continuing education;
- demonstrate strong communication skills by communicating clearly the results and impact of relevant research achievements;
- provide evidence of being able to provide excellent teaching in the fields of geology and geological engineering;
- demonstrate a good working competency in the French language (written and oral) or provide a concise plan to reach this level within one year;
- be a member in good standing with the Ordre des Ingénieurs du Québec. Otherwise, the selected candidate will be required to provide a concise plan that will demonstrate that this requirement can be met within a period of time which cannot exceed the initial contract.

### **Salary and benefits**

Academic rank will be assessed commensurate with experience and salary will be determined according to the collective agreement in place at the time of hire.

### **Deadline**

- Date to submit candidacy documents: 30<sup>th</sup> of April 2017
- Expected start date of selected candidate: 1<sup>st</sup> of September 2017

All potential candidates who wish to submit their candidacy should prepare a complete candidacy package which includes : (1) a long-form CV that includes publications and research achievements, (2) an overview of the proposed research program (maximum 5 pages), (3) an overview of the teaching strategies and the candidate's pedagogical approach to teaching Earth Science (maximum of 2 pages) and (4) the name and full contact details of three referees. The full application package, containing all four aforementioned parts should be sent electronically as a PDF document to:

Marc Constantin  
 Directeur, Département de géologie et de génie géologique  
 Université Laval  
 direction-ggl@listes.ulaval.ca

The review of the candidates will start on the 30<sup>th</sup> of April 2017. Applications received beyond this date will be considered until the position is filled. The expected start date for the successful applicant is the 1<sup>st</sup> of September 2017.

*Université Laval, through its commitment to the promotion of diversity, invites all qualified applicants to submit their candidacy. In particular, we invite women, members of visible minorities, members of ethnic or indigenous groups and differently-abled people to submit their candidacy. Priority will be given to those who are Canadian citizens or who are permanent residents of Canada.*