

Titre: Graduate assistant in geography, specialization in geovisualization and spatial analysis

Introduction

The University of Lausanne is a higher teaching and research institution composed of seven faculties where approximately 14,300 students and nearly 3,900 collaborators, professors, and researchers work and study. Ideally situated along the lake of Geneva, near Lausanne's city center, its campus brings together over 120 nationalities.

Presentation

To complete the team, the Institute of Geography and Sustainability of Faculty of geosciences and environment invites applications for the position of a Graduate assistant in geography, specialization in geovisualization and spatial analysis.

Job information

Expected start date in position : 01.05.2018 / to be agreed

Contract length : 1 year, renewable 2 x 2 years, maximum 5 years

Activity rate : 80%

Workplace : Lausanne, Institute of Geography and Sustainability, University of Lausanne, Switzerland

Your responsibilities

The successful candidate will participate in research activities in the field of dynamic visualization and machine learning and will help in teaching tasks in geovisualization and statistical analysis. The main task will be the development and evaluation of dynamic visualization and content adaptation methods, combining infovizualisation and statistical analysis methods.

- At least 50% of the time will be dedicated to independent research and the preparation of a PhD thesis.

- Up to 50% of the time will be dedicated to teaching and research in geovisualization and data analysis, and other institute projects.

Your qualifications

- Master's degree (or equivalent) in geography, computer science or allied fields.
- Strong interest in geovisualization, human-computer interaction and quantitative methods.
- Good knowledge of cartography and geographic information systems.
- Knowledge of a programming language and interest in machine learning.

What the position offers you

We offer a nice working place in a multicultural, diversified and dynamic academic environment, opportunities for professional training.

Possibilities of continuous training, a lot of activities and other benefits to discover.

Contact for further information

For additionnal information, please contact Christian Kaiser (christian.kaiser@unil.ch).

Your application

Deadline : 11.03.2018

Please, send your full application in Word or PDF.

- A motivation letter
- CV, including names of 2 references with phone and email (e.g. Masters thesis supervisor)
- Copy of University transcripts / diplomas
- Writing samples (e.g. Master thesis, publications)

Only applications through this website will be taken into account.

We thank you for your understanding.

Additional information

UNIL is committed to promoting gender equality and strongly encourages applications from female candidates.