

La Haute Ecole d'Ingénierie et de Gestion du Canton de Vaud ([www.heig-vd.ch](http://www.heig-vd.ch)) offre des formations bachelor et master HES en ingénierie et en économie d'entreprise ainsi que des formations postgraduées.

Avec plus de 2'000 étudiant-e-s, elle est la plus grande école de la Haute Ecole Spécialisée de Suisse Occidentale ([www.hes-so.ch](http://www.hes-so.ch)).

Ses activités de recherche appliquée et développement sont réalisées au sein de ses 13 instituts.

La HEIG-VD recherche un-e



## PhD Student in Geoinformatics

### MAIN ACTIVITIES

As a research assistant working on a PhD project, you will be in the Environment, Construction and Geoinformation Department (EC+G) ([heig-vd.ch/ecg](http://heig-vd.ch/ecg)), within the Territorial Engineering Institute (insit) ([insit.heig-vd.ch](http://insit.heig-vd.ch)). Your missions will be the following:

50% of your post will be devoted to your research for your PhD thesis, under the supervision of a UAS Professor and a Professor of the University of Lausanne. The subject of your thesis will be the utilization of 3D mock-ups for participatory decision making.

The project implies the establishment of interactive 3D mock-ups of buildings and neighborhoods and their utilisation in the context of participatory decision making processes (e.g. neighborhood and construction planning). The evaluation of the mock-ups will be conducted using test-users and will be involving criteria from the field of spatial cognition. A full description is available at the following link:

[http://insit.heig-vd.ch/en/research\\_projects/3d-mock-ups](http://insit.heig-vd.ch/en/research_projects/3d-mock-ups)

50% of your time will be on activities related to teaching and in particular in contributing to research activities in the institute

### YOUR PROFILE

Master's degree in Geography or Architecture or Landscape Architecture or Urbanism or Geomatics or equivalent

Strong interest in the utilisation of new spatial information technologies (3D mock-ups, programming, data acquisition, etc) as well as urbanism and participatory actions

Good knowledge of the geomatics or urbanism fields

Knowledge of GIS and CAD software, web- and mobile technologies and spatial databases.

Good analytical and synthetic skills

Excellent communication skills

Very good authoring skills (in English)

Proficiency in English (C1/C2); in addition to French (B2)

### WE OFFER

Participation in high-end research projects within a group of 15 people

Access to latest technologies

A dynamic working environment where team work is of key importance

**Activity rate:** 100%

**Information:** Jens Ingensand, Professor  
+41 24 557 63 84

**Starting date:** 1<sup>st</sup> September 2017 or date to be agreed

**Duration of the contract:** 1 year, renewable, max 5 year

**Application file:** Application letter, CV with copies of diplomas, work certificates, grades' reports, summary of your Master's thesis and other relevant publications, recommendation letters (if available)

Please send your complete application, only via [www.heig-vd.ch/emploi](http://www.heig-vd.ch/emploi), before the 15<sup>th</sup> May 2017. Total confidentiality is assured.

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