



## Postdoctoral position in Energy Geostrutures field Laboratory of Soil Mechanics (LMS), EPF Lausanne, Switzerland

The research performed on energy geostrutures at the LMS is centered on observing, measuring, understanding and predicting the behaviour of energy geostrutures, by investigating the aspects of primary importance for maximising the energy, geotechnical and structural performance of energy geostrutures from a multiphysical perspective. More information on the current activities and recent publications of LMS Research Group on Energy Geostrutures can be found [here](#).

The position in particular, funded by Swiss National Science Foundation (SNSF), aims at providing fundamental information on the mechanisms governing the cyclic thermo-mechanical behaviour of energy geostrutures by analyzing multiphysical processes occurring within the soil, soil-structure interface and along energy geostrutures through an experimental, theoretical, and numerical approach.

### Candidate Profile

Suitable candidates must have a PhD in Geotechnical Engineering, with a strong background in soil-structure interactions, multiphysical behaviour of soils and numerical methods. Candidates are expected to be capable of developing their own independent research, and to have outstanding scientific reporting and communication skills, as well as very good teamwork attitude. Selected candidates will be invited for an interview at the EPFL.

### Conditions of Employment

We are offering excellent research facilities and a competitive salary (81'000 CHF/year). The EPFL offers an outstanding international environment full of training and development opportunities. We are looking for motivated candidates ready to undertake advanced experimental and numerical work within our team. The position foresees the participation to projects currently ongoing, and the part-time supervision of M.Sc. and PhD students.

### Applications

The position is now open and will start on August 1<sup>st</sup> 2019 or upon agreement. Suitable candidates should send their application, consisting of motivation letter describing interests and qualifications and the CV, to the following email address: [recruitment.lms@epfl.ch](mailto:recruitment.lms@epfl.ch)