

The Department of Civil Engineering and Natural Hazards, Institute of Geotechnical Engineering is currently seeking a

Postgraduate Research Associate Project employment (Reference code: 107)

Extent of employment: 30 hours per week
Duration of employment: 4th of October 2021, limited to 3rd of October 2024

Workplace: 1180 Vienna, Feistmantelstraße 4, Austria

Gross monthly salary and pay grade in terms of collective agreement for university staff (payable 14 times per year): B1, € 2.228,60

Responsibilities

The successful candidate will perform 3D numerical analysis with a state of the art constitutive model for partially saturated soils. Their tasks include:

- the extension of the hypoplastic constitutive model to partially saturated soils
- the implementation of the new constitutive model into the designated FEM software
- the calibration of the constitutive model based on geotechnical testing
- the execution of the numerical testing programme

Required skills and qualifications

- Diploma degree in Civil Engineering with specialisation in geotechnics or other equivalent university degree

Desirable skills and qualifications

- A high level of competence in numerical mathematics and scientific computing is a must
- Programming skills and an aptitude for the implementation and experimental exploration of numerical algorithms is a plus
- Excellent command of written and spoken English
- Outgoing personality with strong communication skills across different cultures
- Drive for excellence and scientific mind-set
- Ability to work in a team and independent working style

Applications can be submitted until: 10th of June 2021

University of Natural Resources and Life Sciences Vienna seeks to increase the number of its female faculty and staff members. Therefore qualified women are strongly encouraged to apply. In case of equal qualification, female candidates will be given preference unless reasons specific to an individual male candidate tilt the balance in his favour.

People with disabilities and appropriate qualifications are specifically encouraged to apply.

Please send your job application incl.

- motivation letter
- CV

to University of Natural Resources and Life Sciences, Institute of Geotechnical Engineering
Univ.Prof. Dr.-Ing. Wei Wu
Reference code: 107
Feistmantelstraße 4, 1180 Vienna
E-Mail: wei.wu@boku.ac.at

We regret that we cannot reimburse applicants travel and lodging expenses incurred as part of the selection and hiring process.

www.boku.ac.at