



Postdoctoral Position in Computational Geomechanics or Data-Physics Integrated Modelling

We are currently recruiting a Postdoctoral Fellow to join our team at Wuhan University.

Wuhan University (WHU) https://en.whu.edu.cn/About_WHU1/Overview.htm is a comprehensive and key national university directly under the administration of the Ministry of Education. It is also one of the "211 Project" and "985 Project" universities with full support in the construction and development from the central and local government of China.

Requirements

- Eligibility: Compliance with Chinese laws and regulations; physically and mentally healthy with no criminal record.
- Age: Under 35 years old, with systematic academic training and research experience.
- Field of Study: Geotechnical Engineering, Geological Engineering, Civil Engineering, Engineering Mechanics, or closely related disciplines.
- Academic Standing: Candidates should have obtained a PhD within the last three years, or have fulfilled all requirements for their PhD thesis defense at the time of application.
- Language: Proficiency in English or Chinese for academic and daily communication.
- Must work full-time at Wuhan University in Wuhan, Hubei Province, P.R. China.

Technical Skills

- Proficiency in numerical methods and computational mechanics, for example, experience with Finite Element Method (FEM) programming, or Peridynamics, or Finite-discrete element method (FDEM) is highly preferred.
- Expertise in any of the following areas: Rock Mechanics, Fracture Mechanics, Seepage Mechanics, Fractured Porous Media, Reservoir Simulation, or Stability of Underground Engineering.
- Preferred Skills: Knowledge of Deep Learning or Data-Physics Integrated Simulation (not mandatory but considered an asset).

Compensation and Benefits

- State-of-the-art laboratory facilities, and a vibrant, collaborative academic atmosphere.
- Outstanding candidates are eligible for funding from national, provincial, or municipal talent programs. Highly competitive annual salary ranging from 300,000 to 400,000 RMB.
- Duration: A two-year appointment, with the possibility of extension based on performance.
- Social Benefits: Provision of social insurance and housing fund (provident fund). Access to postdoctoral apartments or a monthly housing subsidy.
- For outstanding researchers, we will provide support in applying for the prestigious "Hongyi Postdoctoral Fellow" award at Wuhan University.

Application Process

- Required Materials: (1) A **comprehensive CV** (including educational background, work experience, publication list, and other research outputs). (2) Two recommendation letters from Professors or Associate Professors in the field (optional but highly recommended).
- Applications are accepted year-round. Please send your materials to Prof. Wang Luyu (luyu.wang@whu.edu.cn, Web: <http://jszy.whu.edu.cn/wangluyu/en/index.htm>). Shortlisted candidates will be invited for an interview (online or in-person).