



西南交通大学 地球科学与环境工程学院
Faculty of Geosciences and Environmental Engineering, Southwest Jiaotong University

Faculty Positions in Geodesy, Photogrammetry, Remote Sensing and Geomatics

Faculty of Geosciences and Environmental Engineering (FGEE)
Southwest Jiaotong University (SWJTU)
Chengdu, China

The Faculty of Geosciences and Environmental Engineering (FGEE) of the Southwest Jiaotong University seeks to increase its international visibility with scientists who will strengthen our mission of developing an international centre of excellent interdisciplinary research and education in the fields of geosciences (including geodesy, photogrammetry, geomatics, remote sensing, geology and geological engineering) and environmental engineering (including fire protection engineering). For this purpose, we intend to recruit up to 20 more international experts in the next few years.

Introduction to SWJTU

The Southwest Jiaotong University (SWJTU) is located in Chengdu, the capital of the Sichuan Province, in the southwest of China. With 15 million inhabitants, Chengdu is regarded as one of the Chinese metropolises with the highest quality of life. As one of the oldest Chinese universities, the SWJTU is regarded as the birthplace of China's modern education in transportation, mining & metallurgy and civil engineering, thus promoting the development of the Chinese railway system for 123 years. Today the SWJTU is continuously contributing to development of the high speed railway system and the international One Belt one Road project, which passes through some areas with the highest geological and tectonical complexity in the world, and faces some major challenges in the innovative engineering solutions, understanding and control of natural hazards, as well as preservation of the natural environment with cutting edge technologies.

Vision of FGEE

The primary concerns of FGEE include railway reconnaissance and construction, monitoring of local and global environmental changes, understanding the interaction between the natural environment and human-built infrastructure, provision of engineering advice and design, avoiding and predicting natural hazards, emergency response, identifying opportunities and preserving the environment. We carry out fundamental research by combining with the engineering approach and have extensive cooperation with industrial and governmental stakeholders.

FGEE is striving to become an international interdisciplinary center of excellence, a training base for internationally competitive experts and talents, and a think-tank for high speed railway infrastructure, natural-hazard management, and environmental sustainability. We play a pioneering role in university study reform, focussing on the student-oriented teaching approach, and conveying the problem-solving competence by project-oriented studies.

Faculty Positions Available in FGEE

International experts are invited to apply for the faculty positions available in FGEE, including Lecturer, Assistant Professor, Associate Professor, and Full Professor. The fields of interest include but are not limited to, geomatics, geodesy, photogrammetry, remote sensing, geology, geological engineering, environmental engineering, and fire protection engineering.

The applicants are required to have a Ph.D. in one of the above-mentioned fields. Post-doctoral experience is preferred but not required. The candidate should have a proven and consistent track record of high-quality scientific publications and good communication skills. Experience in the acquisition and management of research projects is highly desirable.

Benefits and Culture

We offer:

- a decent internationally competitive salary
- a generous starting grant
- assistance in finding accommodation, double career, kindergartens for kids, schools, etc.
- highly motivated, hard-working and well-trained students
- welcome culture and an international relaxed working atmosphere

How to Apply

To apply, submit the following materials electronically to guanfang@swjtu.cn:

- (1) Cover Letter
- (2) Curriculum vitae (with a list of publications and scientific projects)
- (3) Statement of research and teaching interest
- (4) PDFs of 3-5 selected publications
- (5) Names and contact information for 3-5 references

Positions remain open until filled.

For additional information, please contact Ms. Fang Guan (email: guanfang@swjtu.cn, phone: +86-28-66367593).

Prof. Dr. Lutz Pluemer, Dean of the Faculty of Geosciences and Environmental Engineering of the Southwest Jiaotong University (email: pluemer@swjtu.edu.cn)