



Recruitment of Postdoctoral Research Fellow for “SNU ERE Global Scholarship”

Seoul National University Energy Resources Engineering (SNU ERE) department is seeking motivated postdoctoral fellows in all fields of broadly defined energy resources and geological engineering. The successful candidates will conduct fundamental and applied research in energy resources engineering.

The disciplines covered by the current SNU ERE department are rock mechanics/geomechanics, petroleum engineering, exploration geophysics, energy environmental geochemistry, energy GIS, mineral processing and energy economics. (<https://en.snu.ac.kr> <https://ere.snu.ac.kr/>) SNU ERE will offer;

- Competitive living expenses, round trip airfare each year and sponsorship of scholarly activities such as domestic and international travels
- Opportunities for professional development with strong interaction in the industry and academia both in Korea and overseas.

1-2 positions for postdoctoral research fellow is open for all field of SNU ERE. Beginning and the beginning time of this position is negotiable. The position is initially a one-year appointment with a possibility of annual extension. Required qualification for the successful candidates are;

- PhD degree in a relevant area of energy resources engineering such as civil, mining, petroleum, geological, energy engineering or geosciences.
- A strong basic knowledge in the respective research fields as proven by strong publication record in reputable scientific journals.
- Excellent communication skills interacting with faculty members and graduate students.
- Fluent in both written and spoken English

Interested applicants for postdoc should submit the updated CV containing a list of publications and three references, and a two-page research plan to echung@snu.ac.kr by 15 Feb 2022.

SNU ERE consists of > 10 faculty members covering energy focused geoscience & geoengineering and emerging new and renewable energy sources. Seoul National University (SNU) is a premier university in South



Korea and one of the top university consistently ranking ~50th in the world. Bosting a beautiful campus against a backdrop of Gwanak Mountain in Seoul, SNU has more than 2,100 faculty members, covering all disciplines, including 340 faculties in the College of Engineering.

“SNU ERE Global Scholarship” & SNU-Minnesota University Project

SNU was a recipient of one of the most successful university official development assistance (ODA) program during 1954-1962 when Seoul was one of the most dangerous and poorest place in the world. The total budget of the SNU-Minnesota project was ~10 million US dollars as of the currency at that time. More than 80% of SNU Engineering faculty members (> 60) stayed in the University of Minnesota for one and a half years on average, and ~60 faculty members mostly from the University of Minnesota resided in SNU campus for reconstruction and modernization of the university. SNU has played a pivotal role in the modern development of Korea by producing top-class graduates who have now become CEOs of major companies, entrepreneurs, and world-class engineers having serving as the major driving force behind the National Development for last 70 years.

Five faculty members from SNU ERE department also stayed in the university of Minnesota through degree or non-degree long term fellowship program and made a significant contribution to the education and research program in the department. SNU ERE alumni and family are making donations to reciprocate the help they received and established the program “SNU ERE Global Scholarship”. The first goal is to recruit at least ten young overseas talents through the scholarship program. The successful candidates will be sponsored by “SNU ERE Global Scholarship”. The recipients will be selected based on academic merit while a priority will be given to applicants whose origin is from the less developed countries.

For general inquiries about the “**SNU ERE Global Scholarship**”, please contact Prof Ki-Bok Min through kbmin@snu.ac.kr