

SHORT BIO

Full Name: Seokwon JEON
Affiliation: Professor
Rock Mechanics and Rock Engineering Laboratory
Department of Energy Systems Eng., Seoul National University (SNU)
E-mail: sjeon@snu.ac.kr
URL: rockeng.snu.ac.kr



EDUCATIONAL BACKGROUND

1992. 08 – 1996. 08 Ph.D., Department of Mining and Geological Engineering, The University of Arizona, AZ
Major: Mining Engineering (Geomechanics, Rock Fracture Mechanics)
1989. 08 – 1991. 12 M.Eng., Department of Civil Engineering, University of California at Berkeley, CA
Major: Geotechnical Engineering
1987. 03 – 1989. 02 M.S., Department of Mineral and Petroleum Engineering, Seoul National University, Korea
Major: Rock Mechanics
1983. 03 – 1987. 02 B.S., Department of Mineral and Petroleum Engineering, Seoul National University, Korea

PROFESSIONAL EXPERIENCE

2010. 06 – 2010. 08 Visiting Scholar, Swiss Institute of Technology, Lausanne (EPFL)
2009. 09 – 2011. 08 Associate Dean for Information and Networking, College of Engineering, SNU
2009. 03 – 2013. 02 Director, Research Institute of Energy and Resources, SNU
2007. 03 – 2009. 02 Head, Department of Energy Resources Engineering, SNU
1997. 09 – Present Senior Lecturer, Assistant, Associate and Full Professor, SNU
1996. 08 – 1997. 08 Research Associate, The University of Arizona

AWARDS AND HONORS

2014. 03 Award for Outstanding Scholastic Achievement, Korean Geotechnical Society
2012. 12 Award for Technical Merits, Ministry of Knowledge Economy, Korean Government
2011. 04 Award for Outstanding Scholastic Achievement, Korean Society of Mineral and Energy Resources Engineers
2011. 03 Award for Outstanding Scholastic Achievement, Korean Society for Rock Mechanics
2008. 04 Award for Outstanding Scholastic Achievement, Korean Tunnelling Association
2008. 04 Award for Outstanding Lecture, Seoul National University

RESEARCH INTERESTS

Rock fracture mechanics and fragmentation, tunnel design and stability analysis, mechanized tunneling, demolition and controlled blasting, ground subsidence and its prevention at abandoned mines, and geological disposal of radioactive waste

PUBLICATION

More than 100 peer-reviewed domestic and international journal articles and more than 150 paper presentations in domestic and international conferences including

PROFESSIONAL ACTIVITIES

International Society for Rock Mechanics (ISRM), Vice-President for Asia (2015-2019)
Korean Society for Rock Mechanics (KSRM), Vice-President
Korean Tunnelling and Underground Space Association (KTA), Vice-President
Korean Geotechnical Society (KGS), Executive Director
Associated research Centers for Urban Underground Space (ACUUS), Individual Member
Editor-in-Chief, Tunnelling Technology (a peer-reviewed journal of KTA) (2006-2012)
Associate Editor, International Journal of Geo-Engineering (a Springer peer-reviewed journal of KGS) (2013-2015)

SUPERVISING EXPERIENCE

Finished supervising 19 Ph.D. and 32 Master's students