



March 18, 2021

Dr. Luís Lamas  
Secretary General  
International Society for Rock Mechanics and Rock Engineering  
LNEC, Av. Brasil 101  
1700-066 Lisboa, Portugal

## Nomination of Professor Seokwon Jeon for ISRM President 2023-2027

Dear Dr. Luís Lamas,

The ISRM National Group of Korea, the Korean Society for Rock Mechanics and Rock Engineering (KSRM), would like to nominate Professor Seokwon JEON, a member of National Academy of Engineering of Korea, the past President of KSRM and the past Vice-President of ISRM, for the candidacy of ISRM President for the office term of 2023-2027.

After obtaining his Ph.D. degree in mining and geological engineering at University of Arizona, Professor Jeon started teaching at Seoul National University in 1997. Since then, he served in various leading roles in Korean rock mechanics, geotechnical, and tunneling engineering community. Especially, he was involved in organizing numerous international meetings including the first and seventh ARMS and the fifth YSRM. He has been actively participating in ISRM activities serving as an ISRM Vice President in 2015-2019 with strong initiatives for education and cooperation with industry.

KSRM is confident that Professor Jeon is qualified to serve as ISRM President with enthusiasm. We are honored and pleased to nominate Professor Seokwon Jeon.

He is aware of the duties and responsibilities of the office of President and is willing and able to fulfill these responsibilities, if elected. Attached please find his one-page CV and statement as required by the ISRM By-Law No. 2.

Sincerely yours,

Sung-Oong Choi, Ph.D., Professor  
President of Korean Society for Rock Mechanics and Rock Engineering

# CURRICULUM VITAE

## Seokwon JEON



Personal Data: Born in Seoul, South Korea on October 26, 1964. Married, having two children  
Affiliation: Professor, Rock Mechanics and Rock Engineering Laboratory  
Department of Energy Systems Engineering, Seoul National University (SNU)  
Address: 1 Gwanak-ro Gwanak-gu, 08826, South Korea  
Telephone: +82-2-880-8807 (Office), +82-10-8711-8356 (Mobile)  
E-mail / URL: sjeon@snu.ac.kr / rockeng.snu.ac.kr

### EDUCATIONAL BACKGROUND

PhD Mining and Geological Engineering (Major in Geomechanics), University of Arizona, USA (1996)  
ME Civil Engineering (Major in Geotechnical Engineering), University of California at Berkeley, USA (1991)  
MS Mineral and Petroleum Engineering (Major in Rock Mechanics), Seoul National University, South Korea (1989)  
BS Mineral and Petroleum Engineering, Seoul National University, South Korea (1987)

### PROFESSIONAL EXPERIENCE

Senior Lecturer, Assistant, Associate and Full Professor, SNU (1997 – Present)  
Associate Dean for Information and Networking, College of Engineering, SNU (2009-2011)  
Director, Research Institute of Energy and Resources, SNU (2009-2013)

### AWARDS AND HONORS

National Academy of Engineering of Korea (NAEK), Member (2018 – Present)  
International Society for Rock Mechanics and Rock Engineering (ISRM), Vice-President for Asia (2015 – 2019)  
Korean Society for Rock Mechanics and Rock Engineering (KSRM), President (2019 – 2020)  
Korean Society of Mineral and Energy Resources Engineers (KSMER), Vice-President (2020 – Present)  
Korean Tunnelling and Underground Space Association (KTA), Vice-President (2016 – 2019)  
Korean Geotechnical Society (KGS), Vice-President (2018 – 2020)  
Award for Outstanding Scholastic Achievement, KTA (2008), KSRM (2011), KSMER (2011), KGS (2014)  
Award for Technical Merits, Ministry of Knowledge Economy, Korean Government (2012)  
Award for Outstanding Lecture, Seoul National University (2008)

### RESEARCH INTERESTS

Experimental rock mechanics, mechanized tunneling, explosive blasting, tunnel design and stability analysis, rock fracture mechanics and fragmentation, ground subsidence, geological disposal of radioactive waste, and others

### RESEARCH AND CONSULTING WORKS

Involved in more than 35 government-funded research projects as PI and co-PI on the subject of TBM tunneling, subsea tunneling, mine subsidence, LiDAR technology, blasting demolition and controlled blasting, EDZ characterization, etc. and many consulting projects on laboratory and site rock testing, blast design, tunnel stability analysis and design, etc.

### PUBLICATIONS

Authored and co-authored more than 150 peer-reviewed national and international journal articles, more than 220 paper presentations in conferences, 8 book chapters, and 6 proceedings.

### SUPERVISING EXPERIENCE

Finished supervising 22 Ph.D. and 34 Master's students

### MAJOR ISRM ACTIVITIES AND CONTRIBUTIONS

Attended 18 ISRM Council meetings in the past 20 years, organized ARMS1 (1997), ISRM Regional Symposium (2002), ARMS7 (2012) and YSRM (2017), initiated scholarship and students' night program in ARM7 (2012), produced 7 video files of ISRM Suggested Methods (since 2016), attended Nepal field investigation (2016), proposed and drafted John Hudson Rock Engineering Award with Prof. Norikazu Shimizu (2018), organized and attended a training course in Vietnam (2018), has been serving as a member in Testing and Underground Nuclear Power Plant Commission (since 2014), and more activities in the capacity of ISRM VP for Asia (2015-2019)



March 19, 2021

Dr. Luís Lamas  
Secretary General  
International Society for Rock Mechanics and Rock Engineering  
LNEC, Av. Brasil, 101  
1700-066 Lisboa, Portugal

Dear Dr. Luís Lamas,

I am pleased to agree with the nomination as candidate for ISRM President for the office term of 2023- 2027 which was made by the Korean Society for Rock Mechanics and Rock Engineering.

I hereby state that I am fully aware of the duties and responsibilities of the ISRM President, as spelled out in the ISRM Statue No. 8 and By-law No. 6, and am willing and able to fulfill these responsibilities if elected.

Sincerely yours,

Seokwon Jeon  
Professor  
Seoul National University