

Curriculum Vitae

PERSONAL DETAILS

Name: Dohyun Park

Date of Birth: January 28 1976

Nationality: South Korea

Place of Birth: Haenam, South Korea

Current position: Post-doctoral researcher, Underground Space Department, Korea Institute of Geoscience and Mineral Resources, South Korea

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QUALIFICATIONS

- **Ph.D.** in School of Civil, Urban and Geosystem Engineering, Seoul National University, Korea, August, 2009
Thesis title: Reduction of blast-induced vibration in tunnelling using barrier holes and air-deck
Supervisor: Prof. Seokwon Jeon
- **P.E.** in Soil Mechanics and Foundation Engineering, August 2004
The specialty areas of the professional engineer include soil mechanics and foundation engineering as well as geomechanics and geotechnical engineering
- **M.E.** in Department of Mineral and Petroleum Engineering, Seoul National University, , Korea, February 2000
Thesis title: A numerical study on the mechanical behavior of rock using crack models
Supervisor: Prof. Seokwon Jeon
- **B.E.** in Department of Mineral and Petroleum Engineering, Seoul National University, Korea, February 1998

EMPLOYMENT

- **2/2006–6/2008** Senior Geotechnical Engineer, Hanil Engineering Co., South Korea
- **1/2005–6/2005** Visiting Senior Researcher, Korea Institute of Construction Technology, Korea
- **1/2000–1/2006** Geotechnical Engineer, Sambo Engineering Co., South Korea

PUBLICATIONS

Peer-reviewed articles

Park D., Jeon S (2009) Reduction of blast-induced vibration in the direction of tunnelling using an air-deck at the bottom of a blasthole. International Journal of Rock Mechanics and Mining Sciences (under review)

Park D., Jeon B, Jeon S (2009) A numerical study on the screening of blast-induced waves for reducing ground vibration. Rock Mechanics and Rock Engineering, vol. 42, no. 3, pp. 449-473

Park D., Kim YG (2007) A study on analysis of tunnel behaviors considering the characteristics of in-situ stress distribution in rock mass. Tunnelling Technology, vol. 9, no. 3, pp. 275-286

Park D., Cho YG, Jeon S (2006) A case study on the blasting analysis of slope using monitored vibration waveform, Journal of Korean Society of Explosives and Blasting Engineering, vol. 24, no. 2, pp. 41-50

Proceedings

5 contributions in international conferences during 2000-2009

Technical reports

4 during 2007-2009