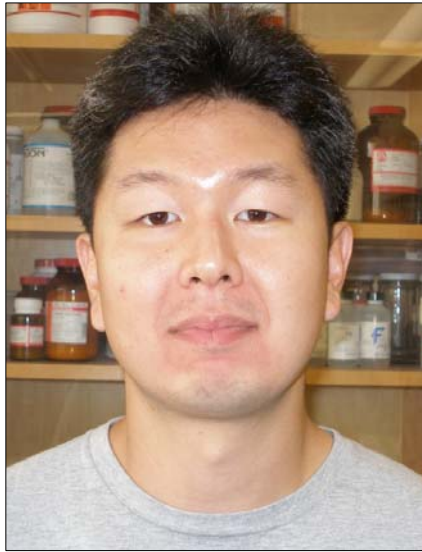


Min Gyun Park



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Advisor Name: Craig H. Benson & Tuncer B. Edil

Previous Education:

University of Wisconsin at Madison (August 2004 – Present)

Doctor of Philosophy: Geo-environmental Engineering

Seoul National University – South Korea (Mar. 1999 – Feb. 2001) *Master of Science: Geotechnical Engineering, Feb 2001*

- Thesis: Estimation of Maximum Dry Density of Granular Soils from Particle Size Distribution Using Glass Beads

Seoul National University – South Korea (Mar. 1995 – Feb. 1999)

Bachelor of Engineering: Civil Engineering, Feb 1999

- Thesis: Remediation of Soil Contaminated with Volatile Organic Compounds Using Surfactants

Research Focus:

The topic of my research is volatile organic compounds transport through composite liners. The primary hypothesis of this study is that VOC transport through intact composite liners can be predicted by existing transport models using independently measured transport parameters. Batch tests and bench-scale column tests are being performed to measure the transport parameters of each component of a composite liner. The hypothesis will be evaluated by comparing VOC transport measured from bench-scale composite liner tests with predicted VOC transport by numerical code using individually measured transport parameters, and the models will be adapted if necessary. The verified transport model will be used to assess long-term impacts of VOCs on groundwater for typical site conditions and existing lining technologies.

Outside Interests:

Soccer, baseball, basketball, golf, ski, kayak, water ski, break dance, taekwondo (black belt)