



## Individual Membership Form

### Personal information

Title: Assistant professor

Gender: (M/F) Male

Name: Kim, Hyun-Ki

Suffix: <please insert text here>

Date of birth: 1975/01/07

Nationality: South Korea

Mailing address (Street or Postal Box): Kookmin University, Department of Civil and Environmental Engineering, Jungreung-dong, Seungbuk-gu

City: Seoul

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Current affiliation: ): Kookmin University, Department of Civil and Environmental Engineering

Job title: Assistant professor

### Education Background

Highest degree received: Ph.D

Received from: Georgia Institute of Engineering, U.S.

Major: Geotechnical Engineering, School of Civil and Environmental Engineering

### Professional background

Professional background relevant to GEOSNet:

I have a number of publications related to engineering problems of geotechnical reliability as follows:

Kim, H.-K. and Santamarina, J.C., (2008) "Spatial Variability: Drained and Undrained Deviatoric Load Response," Geotechnique

Kim, H.-K. (2008) "Soil heterogeneity effects on shear strength," Proc. KGS conference, Seoul, Korea

Kim, H.-K. and Santamarina, J.C., (2008) "Spatial heterogeneity effects on K0 loading," Proc. IS-Atlanta 2008

Truong, Q.H., Kim, H.-K., and Lee, J.-S., (2008) "Effects of spatial heterogeneity on elastic wave

propagation in soils," Proc. International Conference on Advances in Structural Engineering and Mechanics, Jeju, Korea

Kim, H.-K., Narsilio, G.A. and Santamarina, J.C., (2007) "Emergent phenomena in spatially varying soils," Proc. GeoDenver 2007, ASCE Geo-institute Conference, Denver, CO

Kim, H.-K. and Santamarina, J.C., (2006) "Effects of spatial variability on soil behavior: Load-deformation response," Proc. GeoCongress 2006, ASCE Geo-institute Conference, Atlanta, GA

**Main reasons for your interest in GEOSNet and potential contributions to the network:**

My research interest is focused on Spatial Variability Issues in Geotechnical Engineering, Geo-Spatial Analysis and Geotechnical Reliability.

## **Profession Background**