

Civil and Extreme Engineering

Objectives

The Civil and Extreme Engineering Symposium of UKC 2009 is a main venue for Engineers and Scientists from both Korea and the US to share recent advances in Civil Engineering and Extreme Engineering. Primary areas in Civil Engineering are Structural and Construction Engineering and Geotechnical Engineering, whereas the Extreme Engineering includes engineering applications under extreme conditions such as polar regions, deep water locations, desert regions, space, etc. The main emphasis in both Civil and Extreme Engineering is in sustainability.

Scope

This symposium plans to have one session each in Structural and Construction Engineering and Geotechnical Engineering. Both sessions will be primarily for oral presentations. The remaining two sessions are for Extreme Engineering with one session dedicated for oral presentations and the other for panel discussion.

Topics

- 1) Structural and Construction Engineering: Areas to be included are structural design, structural analysis, engineering mechanics, construction management, construction engineering, etc.
- 2) Geotechnical Engineering: Areas to be included are soil mechanics, foundation engineering, geological engineering, slope stability, ground water, etc.
- 3) Extreme Engineering: Areas to be included are arctic engineering, offshore engineering, space engineering, etc.

Symposium Chair and Co-Chairs

Symposium Chair	
Sangchul Bang (South Dakota School of Mine and Technology)	
Symposium Co-Chairs	
Tai Sik Lee (Hanyang University)	Yong Rak Kim (University of Nebraska)

Session Co-Chairs and Committee Members

Session Co-Chairs	
Structural and Construction Engineering	TBA (One from USA and one from Korea)
Geotechnical Engineering	Yong Rak Kim (Univ. of Nebraska) and one from Korea

Advisory Committee

Sung-Pil Chang (Seoul National University), **Sung-Wan Hong** (Korea Institute of Construction Technology), **Soo Sam Kim** (National Academy of Engineering, Korea, Hanyang University), **Soon Byung Lee** (Dongbu Corporation), **Sung Woo Lee** (Kookmin University), **Chang Kyoo Park** (Parsonos Brinckerhoff, Korea), **Duk Hee Yoo** (Seoyoung Engineering), and Woong Suk Yoo (SK Construction Company)