

BIO-SKETCH

Il Won **SEO**, Ph.D.

Professor of Civil and Environmental Engineering

Seoul National University

1 Gwanak-ro, Gwanak-gu

Seoul 151-744, South Korea

Tel: +82 (2) 880 7345; FAX: +82 (2)873 2684

email: seoilwon@snu.ac.kr



Il Won Seo graduated from Seoul National University, Seoul, Korea in 1981 with a first-class honor degree in Civil Engineering. He obtained Master degree at Seoul National University in 1983. This was followed by a PhD degree, awarded from the University of Illinois at Urbana-Champaign, USA in 1990, on aspects of pollutant mixing processes in pool-riffle streams during low flow. After having a post-doctoral research experience at Illinois State Water Survey for 1 and 1/2 years, he returned to his home country to start his academic appointment as an assistant professor at Seoul National University in 1992. In 2002, he was promoted to a full professor and served as the department head of Civil Engineering at Seoul National University from 2002-03. He spent years at UC Davis and CUNY of USA as a visiting professor in 2007 and 2018.

His research interests are centered around the transport and mixing of contaminants within civil engineering hydraulics and more recently, their effects on the receiving water environment. Research projects have been concerned with modeling of physical processes in river systems, quantifying dispersion effects due to topographic variations, and mixing mechanics of jets and plumes in coastal waters. He has strong research links in Korea and abroad. From 2011 to 2017, he had run the Advanced Research Center for River Operation and Management which was funded by Ministry of Science of Korea. In recent years, Ministry of Land and Infrastructures, Ministry of Environments, and Engineering Companies have funded his research.