

Curriculum Vitae

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Personal Data

Date of Birth : Jan. 25, 1956
Place of Birth : Seoul, Korea

Educational Background

1978 : Bachelor of Engineering, Yonsei University, Seoul, Korea
1980: Master of Engineering, Yonsei University, Seoul, Korea
1987 : Ph.D. in Water Resources Engineering, Yonsei University, Seoul, Korea
1990-1991 : Post-Doctorate, University of Michigan, Ann Arbor, USA

Professional Experiences

1980-1982 : Researcher, Korea Institute of Science and Technology(KIST), Korea
1984- : Professor, Kyungpook National University(KNU), Korea
2005- : Director, Disaster Prevention Research Institute, KNU, Korea
2013- : President, Korea Water Resources Association(KWRA), Korea

Professional Activities

1995- : Advisor, Ministry of Land and Transportation, Ministry of Environment,
Ministry of Education, National Emergency Management Agency, Korea Water
Resources Corporation, Korea
1996 : Outstanding Paper Award, Korea Federation of Science and Technology
1999 : Outstanding Paper Award, Korea Water Resources Association
2012 : Distinguished Research Achievement Award, KNU.
2003-2008 : Principal Investigator, A Study on Flood Forecasting and Inundation
Analysis in Urban Area, Funded by Ministry of Construction & Transportation, Korea.
2008-2013 : Director, Research Center of Flood Defense Technology for Next
Generation, Funded by Ministry of Land and Transportation, Korea

Recent International Activities

2012- : Board of Governor Member, World Water Council (WWC)
2013- : National Committee Member, 7th World Water Forum (2015, Daegu)
2013- : Director, International Water Resources Association (IWRA)

Recent Publications

2011 : "Application of Stochastic Optimization Algorithm for Wasteload Allocation
in the Nakdong River basin, Korea" J.of Civil Eng., Vol. 16, No. 4,
2012: "Development of Two-Dimensional Water Quality Management Model Using
Reliability Analysis Method', J. of Hydroinformatics, Vol. 14, No. 2.
2013 : Analysis and Mitigation of Urban Flooding in Daegu, Korea" Proc. of ICE, Water
Management (under Review)