



US Army Corps of Engineers

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Sr. Research Hydraulic Engineer
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EDUCATION

Ph.D. (2005) University of Southern California, Los Angeles

Major: Civil and Environmental Engineering

Research Topic: A Real-Time Debris Prediction Model Incorporating Wildfire and Subsequent Storm Events

M.S. (1998) University of Southern California, Los Angeles

Major: Civil and Environmental Engineering, Construction Management

M.E. (1994) Kyung Hee University, Seoul, ROK

Major: Civil Engineering, Water Resources Management

B.E. (1992) Kyung Hee University, Seoul, ROK

Major: Civil Engineering

EXPERIENCE

June 2019—present | August 2012 – August 2015 | February 2006 – October 2009

Senior Research Hydraulic Engineer – U.S. Army Corps of Engineers, Institute for Water Resources, Hydrologic Engineering Center, Davis, CA

September 2015 – May 2019 | November 2009 - August 2012

Supervisory Civil Engineer - U.S. Army Corps of Engineers, Far East District, ROK

May 2002 – December 2005: Hydraulic Engineer - U.S. Army Corps of Engineers, Los Angeles District, CA

September 2000 – April 2002: Research Associate – Foundation for Cross Connection Control and Hydraulic Research, University of Southern California, CA

July 1998 – August 2000: Project & Scheduling Manager – SEA PAC Engineering Inc., Los Angeles, CA

January 1994 – May 1995: Coastal Engineer – Dae Young Engineering Co, LTD., Seoul, ROK

TECHNICAL SPECIALTIES

Surface water hydrology, post-fire hydrology, river hydraulics, water resources planning, debris flow analysis, land surface erosion and debris yield, groundwater modeling, flood damage reduction and impact analysis, geology, geotechnical engineering, coastal engineering, and project/program management.



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PROFESSIONAL REGISTRATIONS, AFFILIATIONS, and AWARDS

Registered Civil Engineer: License No.:70137, Board of Registration for Professional Engineers and Land Surveyors, State of California

Certified Acquisition Professional: DAWIA Level III Facility Engineer, 21 March 2018
United State Army Acquisition Corps