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Chonnam National University

김 종 규, 공학박사, 교수
전남대학교 해양기술학부

Education :

- Ph.D. National Fisheries University of Pusan, Dept. of Ocean Engineering,
Graduate, 1996 (공학박사, 부산수산대학교 대학원 해양공학과)
"Optimization Strategies of Wind-driven Ocean Circulation"
- M.S. National Fisheries University of Pusan, Dept. of Ocean Engineering,
Graduate, 1990 (공학석사, 부산수산대학교 대학원 해양공학과)
"Effect of wind stress on the circulation in the East Sea of Korea"
- B.E. National Fisheries University of Pusan, Dept. of Ocean Engineering, 1988
(공학사, 부산수산대학교 해양공학과)
"The Characteristics of Estuarine Mixing of Suyoung Bay"

Fields of Interests :

Real-time Monitoring
Marine Geographic Information System
Ocean Modelling / Data Assimilation / Informatics

Professional Activities and Associations :

Marine Technology Society (MTS)
The Estuarine Research Federation (ERF)
International Association of Hydraulic Engineering and Research (IAHR)
The Korean Society of Oceanography
The Korean Society of Ocean Engineers
The Korean Society for Fisheries and Marine Sciences Education
The Korean Society for Marine Environment & Energy, General Executive

Papers :

Kim, J.K. et al., 2008. Chemical Deterioration of Reinforced Concrete Reefs in South Korea. *Ocean Engineering*, 35, 738-748.

Kim, J.K. et al., 2008. Coastal Environmental Assessment and Management by Ecological Simulation in Yeosu Bay, Korea. *Estuarine, Coastal and Shelf Science*, 80(4),

495-508.

Kim, J.K. et al., 2009. Characteristics of the Marine Environment and Algal Blooms in Gamak Bay. *Fisheries Science*, 75, 401-411.

Kim, J.K. et al., 2012. A Numerical Simulation of Elastic Waves for Defect Detection in Composite Plates. *Advanced Science Letters*, 14, 384-388.

Kim, J.K. et al., 2013. Effects of Heavy Rainfall on Sedimentation in the Tidal Salt Marsh of Suncheon Bay, South Korea. *Journal of Coastal Research*, 29(3), 566-578.