

***CURRICULUM VITAE.*****Associate****Professor Yun Wook Choo**

Dr Yun Wook Choo is a professor in the Department of Civil and Environmental Engineering, Kongju National University since 2013 with teaching and research. He obtained his BS in civil engineering from KAIST in 1996, and MSc. and Ph.D. in geotechnical engineering from the same university in 1998 and 2005. Then, he worked for NEES Geotechnical Centrifuge Center at Rensselaer Polytechnic Institute as a post-doctor until 2007. He moved to KAIST as a research assistant professor to establish KAIST Geotechnical Centrifuge Centre with managing the construction of the building and installing the centrifuge and promoted as a research associate professor with activities covering management of the Centre and research through centrifuge modelling until he joined the current place.

Choo has been undertaking research on developing offshore foundation solutions for Korean offshore wind farms for more than a last decade. He has achieved technical insights on offshore wind foundations (especially monopiles, bucket foundation, and DIAs) installed in sandy sediments by revealing soil-structure interaction through centrifuge modeling. His recent research interests include

- a. Offshore foundation solution for wind farms
- b. Seismic performance evaluation on underground structure
- c. Dynamic and static deformation properties of barrier and recycled treated materials

He served on the editorial board of KSCE Journal of Civil Engineering, and other Korean journals. He also served as the vice chair and chair of IGGE of ISOPE and a Korean delegate of Int. Society for Soil Mech. and Geotech. Eng. Tech. committee on offshore geotechnics TC209. He awarded Young researcher awards from KGS and KSCE on 2013 and 2012 and also received the best paper award from KSCE on 2021 in annual conference of Korean Society of Hazard Mitigation on 2015 for a paper of 'Seismic Response of Bucket Foundations for Offshore Wind Tower'.