



VeriX-SEA

Verification of X-SEA computer program for analysis of offshore structures

X-SEA is a computer program for analysis and design of offshore structures including offshore wind turbines, developed by Prof. Ki-Du Kim at Konkuk University (KU), South Korea. Its development in modelling of pre-stressed concrete gravity foundations of offshore wind turbines and coupled analysis of jacket support structures and tripod support structures have been demonstrated in recent publications, in which, Dr Nguyen Dinh from the MaREI Centre is the co-author.

The X-SEA program needs to be further verified for its accuracy and functionalities. The objectives of the VeriX-SEA project is therefore to develop numerical models and verify the new modules of X-SEA, and to build further the international collaboration among KU, UCC and other institutions in offshore engineering and offshore renewable energy research.

Quick Facts

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