

**Generation of Homogeneous Wave Fields in Phase Resolving Wave  
Propagation Models**

**Panagiotis Vasarmidis**

Doctoral dissertation submitted to obtain the academic degree of  
Doctor of Civil Engineering

**Supervisors**

Prof. Peter Troch, PhD - Vicky Stratigaki, PhD

Department of Civil Engineering  
Faculty of Engineering and Architecture, Ghent University

October 2021



## **Members of the Examination Board**

### **Chair**

Prof. Patrick De Baets, PhD, Ghent University

### **Other members entitled to vote**

Prof. Joris Degroote, PhD, Ghent University

Georgios Klonaris, PhD, Ghent University

Prof. Ad Reniers, PhD, Technische Universiteit Delft, the Netherlands

Prof. Eugen Rusu, PhD, "Dunarea de Jos" University of Galati, Romania

Tomohiro Suzuki, PhD, Flanders Hydraulics Research

### **Supervisors**

Prof. Peter Troch, PhD, Ghent University

Vicky Stratigaki, PhD, Ghent University