### **Technical Papers**

Local Scour Mechanism around Dynamically Active Marine Structures in Noncohesive Sediments and Unidirectional Current

M. Al-Hammadi and R. R. Simons

Development of Stability Formulas for Rock Armor and Tetrapods Using Multigene Genetic Programming

Jae-Sung Lee and Kyung-Duck Suh

Comparison of Revetment and Sill in Reducing Shore Erosion and Wave Overtopping

Z. Tugce Yuksel and Nobuhisa Kobayashi

Centrifuge Modeling on Performance of Plumb-Pile-Supported Wharf under Yard-Heaped Loads

Zhen Yan, Xiping Sun, Yu Chen and Huaqing Zhang

Oblique Wave Scattering by a Symmetric Trench Submerged Beneath an Ice Cover

Sandip Paul, Anjan Sasmal and Soumen De

New Queuing Theory Applied to Port Terminals and Proposal for Practical Application in Container and Bulk Terminals

Ignacio de la Peña-Zarzuelo, María Jesús Freire-Seoane and Beatriz López-Bermúdez

Model and Algorithm for Vessel Scheduling through a One-Way Tidal Channel

**Bin Zhang and Zhongyi Zheng** 

Numerical Investigation of Dynamic Pipe–Soil Interaction on Electrokinetic-Treated Soft Clay Soil

Hakuri Nwen Joshua and Fuat Kara

Numerical Modeling of Flow and Bed Evolution of Bichromatic Wave Groups on an Intermediate Beach Using Nonhydrostatic XBeach

Gioele Ruffini, Riccardo Briganti, José M. Alsina, Maurizio Brocchini, Nicholas Dodd and Robert McCall

Wave Attenuation by Multiple Outer Porous Barriers in the Presence of an Inner Rigid Cylinder

Harekrushna Behera, R. Gayathri and Siluvai Antony Selvan

Effect of Debris Damming on Wave-Induced Hydrodynamic Loads against Free-Standing Buildings with Openings

Davide Wüthrich, Clàudia Ylla Arbós, Michael Pfister and Anton J. Schleiss

Impact of a Quayside Floating System on Overtopping

S. Neuvéglise, G. Perret, H. Smaoui, F. Marin and P. Sergent

#### **Case Studies**

Simple Approach to Long-Term Morphodynamics of the River Delta Applied to the Vistula River Outlet

Grzegorz R. Cerkowniak and Rafał Ostrowski

Design and Construction Risks for a Shipping Port and Container Terminal: Case Study

F. J. Joubert and L. Pretorius

#### **Technical Notes**

Simple Wave Breaking Depth Index Formula for Regular Waves

Giuseppe Roberto Tomasicchio, Sahameddin Mahmoudi Kurdistani, Felice D'Alessandro and Leila Hassanabadi

# **Book Reviews**

Review of Advances in Coastal Hydraulics edited by Vijay Panchang and James Kaihatu

**Cheryl Ann Blain** 

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