

CONTENTS

Section A: Oceanography, Engineering, Maritime, and Management

Bayesian-Network-Based Hydro-Power Fault Diagnosis System Development by Fault Tree Transformation	Chaur-Gong Jong and Sou-Sen Leu	367
Shape Optimization of One-Chamber Perforated Mufflers Filled with Wool Using Simulated Annealing	Min-Chie Chiu	380
A Real Case Study on the State of Corrosion of the Spanish Boats	José A. Orosa, Juan José Galán, and Mar Toledano	391
Model Reference Robust Control for Marine Propulsion Systems with Model Uncertainty Caused by Hull Deformation	Zhixiong Li, Xinping Yan, Li Qin, Chengqing Yuan, and Zhongxiao Peng	400
Determination of Mortar Saturation Methods Based on MRI Scanning Image	Hsiang-Wei Chiang and Ran Huang	410
Identification of Pipelines from the Secondary Reflect Wave Travel Time of Ground-Penetrating Radar Waves	Kun-Fa Lee, Tan-K Wang, Yu-Ming Kang, Cheng-Sung Wang, and Kuo-An Lin	417
Critical Success Factors Analysis of Implementing MPA at the Yilan Gueishan Island, Taiwan	Ching-Ta Chuang, Jun-Yu Chen, Kuei-Chao Chang, Li-Wen Hung, and Ta-Kang Liu	423
A Lean Prebid Planning Model for Construction Contractors: A Case Study in Vietnam	Hui Ping Tserng, Samuel Yen-Liang Yin, and Thanh Long Ngo	430
The Application of the Genetic Adaptive Neural Network in Landslide Disaster Assessment	Jing-Wen Chen, Yung-Sheng Chue, and Yie-Ruey Chen	442
Experimental Study on the Motions of a Mooring Ship in Mixed Waves	Xian-ying Shi, Yang Yang, Ning-chuan Zhang, and Yu-xin Huang	453
Model Simulation of Asian Dust and Iron Depositions Over the East Asian Marginal Seas	Fujung Tsai	460
Comparison of Different Wind Stress Effects on SST and SSS in the East China Sea Region	Hung-Jen Lee, Shih-Jen Huang, Shenn-Yu Chao, and Kon-Kee Liu	469
Prediction of Bridge Pier Scour Using Genetic Programming	Chuan-Yi Wang, Han-Peng Shih, Jian-Hao Hong, and Rajkumar V. Raikar	483

Section B: Biology, Fishery, Aquatics, and Ecology

Purification and Characterization of Succinyl Thiokinase from Pig Heart	Shu-Cheng Hsueh, Li-Ying Pan, Ming-Cheng Lee, and An-Chin Lee	493
---	---	-----