International Journal of Engineering and Technology

CONTENTS

Volume 10, Number 1, February 2018

Coastal Protection and Construction
Composite Suction Foundation in Clay Subjected to Combined Loading
Comparison of Wave-Induced Swing Motion of Offshore Structures under Irregular Wave simulating Seabed Positioning by Crane
Youn-Ju Jeong and Min-Su Park
New Formula of Stability Number of Wave Breaker Armour Units for Non-Breaking Wave Effect Irregular Wave
Ignatius Sriyana
Gap Influence on Wave Interaction of Twin Caissons in Close Proximity
Ocean Energy Development and Utilization
The Study of Wave Warning Indexes for Ships
A Numerical Study of the Viscous Effects on the Particle Transportations Due to a Solitary Wave Propagating over a Concavity
Simulation and Verification of Jiangsu Sea Area Wind Field Model and Its Storm Surge
Numerical Analysis of a Gravity Substructure for 5MW Offshore Wind Turbine
Shoaling and Breaking of Solitary Waves on Slopes
Marine Planning and Environmental Protection
Annual and Seasonal Shoreline Evolution of Tainan Gold Coast Using Multiband Satellite Images
Impact of Sea Level Rise Due to Climate Change: Case Study of Klang and Kuala Langat Districts59
M. F. Mohamad, M. R. Abd Hamid, N. A. Awang, A. Mohd Shah, and A. F. Hamzah
Variation in Ecosystem Service Value in Response to Landscape Pattern Changes of Zhujiajian Island, China
G. Shen, X. Wang, D. Wang, and X. Xia

Ecosystem Assessment of Island Based on PSR Model — A Case Study of Zhou Shan Archipelago in China71
Degang Wang, Gang Shen, and Yonghua Tan
• Renewable Energy Development Co-digestion of Rice Straw Leachate and Domestic Waste Water for Biogas Production with Addition of Urea as Nitrogen Source
• Manufacturing Systems and Management Evaluation on Safety Benefits of Mining Industry Occupational Health and Safety Management System Based on DEA Model and Grey Relational Analysis
Application of Lean Thinking to the Processing of Raw Materials: Case Study of a Company in the Biomass Torrefaction Sector
Key Technology and Application Research of Cryogenic Insulation for LNG Plant Under Polar Climate95 Peigang Xin, Yanfang Zhang, Jian Tang, Fengyan Yang, and Haijun Yang
• Social Networking Analysis and Applications Behavioral Analysis of Iranian Users in a Mobile Social Network