4th International Seminar on Ocean and Coastal Engineering, Environmental and Natural Disaster Management (ISOCEEN 2016)

IOP Conference Series: Earth and Environmental Science Volume 135

Surabaya, Indonesia
13 December 2016
Some format issues inherent in the e-media version may also appear in this print version.
Table of contents

Volume 135

4th International Seminar on Ocean and Coastal Engineering, Environmental and Natural Disaster Management (ISOCEEN)

13 December 2016, Surabaya, Indonesia

Accepted papers received: 9 March 2018
Published online: 28 March 2018

Preface

4th International Seminar on Ocean and Coastal Engineering, Environmental and Natural Disaster Management (ISOCEEN)

Peer review statement

Papers

Indonesian Sea Accident Analysis (Case Study From 2003 – 2013)
Y Arya Dewanto and D Faturachman.....1

Efficacy of Water Chamber Type Seawall to Dissipate Incident Wave and Its Performance to Extract Wave Power
Firman Husain, M Rusdi Alwi and Ashury.....9

Effects of stern-foil submerged elevation on the lift and drag of a hydrofoil craft
K Suastika and Apriansyah.....18

The Assessment of the Ultimate Hull Girder Strength of RO-RO Ship after Damages
Muhammad Zubair Muis Alie, Ganding Sitepu and Samuel Izaak Latumahin.....26
The Influences of Stirring and Cow Manure Added on Biogas Production From Vegetable Waste Using Anaerobic Digester

N O Abdullah and E S Pandebesie.....34

The Evaluation of Cone Capsule as an Alternative Hull form for Portable Tsunami Lifeboat to Support Evacuation System in the Coastal Regions and Small Islands

Ahmad Fauzan Zakki, Suharto and Aulia Windyandari.....41

The Study on Stability and Seakeeping Characteristics of the Glass Bottom Boat Trimaran in Karimunjawa Island

Berlian Arswendo Adietya, Aulia Windyandari and Ahmad Fauzan Zakki.....49

Analysis Of Resistance And Effective Wake Friction Due To Addition Of Stern Tunnels On Passenger Ship Using Cfd

D Chrismianto, Tuswan and P Manik.....57

Study of Water Quality Changes due to Offshore Dike Development Plan at Semarang Bay

M Wibowo and B A Hakim.....65

Evaluating Inundation in Urban Drainage Systems in Tamalanrea District Makassar Based Ecodrainase

Rizky Alfidhdha and Nieke Karnaningroem.....75

The Discrepancy between The Programs and Disaster Management Policy in Klapanunggal District, Bogor, West Java

D A Puspito Sari, I Listiyowati, T Nefianto and Lasmono.....82

Determining Domestic Container Shipping as an Enforcement of Indonesian International Hub Port

H I Nur, S D Lazuardi, F Hadi and M Hapis.....90
Freight Calculation Model: A Case Study of Coal Distribution
I T Yunianto, S D Lazuardi and F Hadi.....98

Fast Missile Boat Project Planning using CPM and What If Analysis Method
Silvianita, R Firmansyah, D M. Rosyid, Suntoyo and D M Chamelia.....104

Analysis Of Inland Waterway Transport For Container Shipping: Cikarang To Port Of TanjungPriok
T Achmadi, H I Nur and L R Rahmadhon.....110

Seasonal-Temporal Variability of Sea Surface Temperature Derived from Satellite and In Situ Data: Case Study of Indian Ocean Western Part of Sumatera Island
A Wahyudi, S B Susilo and J P Panjaitan.....117

Application Side Casing on Open Deck RoRo to Improve Ship Stability
Hasanudin, I K.A.P Utama and Jeng-Horng Chen.....124

Physicochemical Characteristic of Municipal Wastewater in Tropical Area: Case Study of Surabaya City, Indonesia
I M W Wijaya and E S Soedjono.....132

Boundaries Delineation of Marine Management Sharing According to Local Government Law No. 23/2014 (Case Study: Surabaya, Sidoarjo, Bangkalan and Sampang)
Khomsin and S Intan Ary Prayogi.....138

Potential of Fishing Port Development in the East Java
N Rosana and V D Prasita.....144
Longitudinal Pipeline Scour Propagation Induced by Wave-Current Interaction For the South Sumatra-West Java Submarine Pipeline

Suntoyo, B. Perkasa, T.J. Atikasari and A. Wisudawan.....149

Mooring Design Selection of Aquaculture Cage for Indonesian Ocean

Y Mulyadi, N Syahroni, K Sambodho, M Zikra, Wahyudi and H B P Adia.....156

The Usage of Geographical Information System in the Selection of Floating Cages Location for Aquaculture at Prigi Bay, Trenggalek Regency, East Java

H D Armono, B G Mahaputra and M Zikra.....168

Hydrodynamic and Sediment Transport Modelling of Suralaya Coastal Area, Cilegon, Indonesia

A. H. Fattah, Suntoyo, H. A. Damerianne and Wahyudi.....179

Experimental Study on Interference Effects of Two Tandem Cylinders Wrapped Around by Triple Helical Rods with Gap on Induced Drag

R.W. Prastianto, K. H. Dwipayana, N. Syahroni and B. Pumbarino.....188

Project Scheduling Based on Risk of Gas Transmission Pipe

Silvianita, A Nurbaity, Y Mulyadi, Suntoyo and D M Chamelia.....194

Numerical Analysis of Residual Stress and Distortion Use Finite Element Method on Inner Bottom Construction of Geomarin IV Survey Ship with Welding Sequence Variations

N Syahroni, A B W Hartono and M Murtedjo.....203