

CONTENTS

Special Issue on 2015 International Conference on Earth Observation and Societal Impacts

The Possible Influence on the Impacts and Vulnerability of Climate Change: An Editorial	Tai-Wen Hsu and Ming-An Lee	1049
Predicting the Catch Potential of Skipjack Tuna in the Western and Central Pacific Ocean Under Different Climate Change Scenarios .....	..... Kuo-Wei Yen, Nan-Jay Su, Tooreka Teemari, Min-An Lee, and Hsueh-Jung Lu	1053
Climatic Adaptation of Coastal Communities on the Southwest of Taiwan	Hui-Wen Chuang, Shing-Ru Yang, Ting Ou, and Tzu-Ping Lin	1063
Assessment of Landform Changes in Baramarac Tidal Flat, Korea Using Combined Analysis of Multi-Temporal Remote Sensing Images and Grain Size Measurement Data	Yeseul Kim, Dong-Ho Jang, No-Wook Park, and Hee Young Yoo	1070
Exploring Social Resilience: Insights into Climate Change Adaptation Gaps from an Estuarine Region of Taiwan .....	..... Yi-Chang Chiang and Yi-Chuan Huang	1081
Impact of Climate Change on Shihmen Reservoir Water Supply	Tai-Yi Chu, Jyun-Long Lee, and Wen-Cheng Huang	1093
Risk Maps and Coastal Defense Criteria in Taiwan	Wei-Po Huang, Lien-Kwei Chien, and Lee-Hsueh Lee	1105
Assessing the Vulnerability of Fishery Villages Influenced by Climate Change and Anthropogenic Activity in the Coastal Zone of the Tamsui River .....	..... Sheng-Yuan Teng, Ming-An Lee, Jhen Hsu, Tzu-Ping Lin, Yu-Chen Lin, and Yi Chang	1115

Special Issue on 2015 Oceanic and Coastal Remote Sensing

Introduction to the Special Issue on "Oceanic and Coastal Remote Sensing" of <i>Journal of Marine Science and Technology</i> .....	..... Peter Tian-Yuan Shih, Chung-Ru Ho, Yi-Hsing Tseng, and Tang-Huang Lin	1127
Capability of Geostationary Satellite Imagery for Sea Ice Monitoring in the Bohai and Yellow Seas	Hwa-Seon Lee and Kyu-Sung Lee	1129
Classification of Intertidal Sediment Using a Two-Step Principal Component Analysis (PCA) of Optical Reflectance: A Case Study in Ganghwa Tidal Flats	Dong-Jae Kwon, Wook Park, and Joong-Sun Won	1136
A Computational Study on Sensor Localization for Underwater Acoustic Sensor Network in the East Sea Environmental Model .....	..... Jinyoung Choi, Kiseon Kim, and Sung Chan Jun	1146
Seaweed and Seagrass Mapping in Thailand Measured Using Landsat 8 Optical and Textural Image Properties .....	..... Satomi Kakuta, Wataru Takeuchi, and Anchana Prathep	1155
An Increased Remote Sensing Observation by GOCI Daily Composite Image .....	..... Hyun Yang, Wonkook Kim, Kwangseok Kim, Young-Je Park, Hee-Jeong Han, and Joo-Hyung Ryu	1161
Interpretation of SAR Image Modulation by the Interaction of Current and Bottom Topography in Gyeonggi Bay with Microwave Scattering Models .....	..... Tae-Ho Kim, Chan-Su Yang, and Kazuo Ouchi	1171
Global Surface and Subsurface Geostrophic Currents from Multi-Mission Satellite Altimetry and Hydrographic Data, 1996-2011 .....	..... Chi-Hung Chang, Chung-Yen Kuo, C.K. Shum, Yuchan Yi, and Ashraf Rateb	1181
Preliminary Study of Internal Solitary Wave Amplitude off the East Coast of Korea Based on Synthetic Aperture Radar Data .....	..... Dan-Bee Hong, Chan-Su Yang, and Kazuo Ouchi	1194
Instantaneous Shoreline Mapping from WorldView-2 Satellite Images by Using Shadow Analysis and Spectrum Matching Techniques	I-Chieh Lee	1204
Reconstruction and Analysis of Surface Velocity from Drifters in the Kuroshio Region East of Taiwan .....	..... Kai-Ho Cheng, Chen-Chih Lin, Po-Chun Hsu, and Shih-Jen Huang	1217
Underwater Linear Feature Extraction with Multispectral Band Images: An Evaluation with Level-Set Method in Dongsha Atoll and Zengmu Shoal .....	..... Peter Tian-Yuan Shih, Jian-Wei Lin, Wei-Tsun Lin, and Cheng-Gi Wang	1226
Title Index to Volume 24 (2016)		1235
Author Index to Volume 24 (2016)		1242
Key Words Index to Volume 24 (2016)		1245