

CONTENTS

1st International Conference on Earth Observation and Societal Impact

Open Source Remote Sensing: Introspect and Prospect	Sanggoo Kang, Hee Young Yoo, and Kiwon Lee	613
Assessment of Disaster Losses in Rice Paddy Field and Yield after Tsunami Induced by the 2011 Great East Japan Earthquake	Yuei-An Liou, Hsueh-Chun Sha, Ting-Ming Chen, Tai-Sheng Wang, Yi-Ting Li, Yen-Cheng Lai, Min-Hsin Chiang, and Li-Teh Lu	618
Quantitative Analysis of Relationship between ALOS PALSAR Backscatter and Forest Stand Volume	Choen Kim	624
A Geomorphological Model for Landslide Detection Using Airborne LiDAR Data	Jin-King Liu, Kuo-Hsin Hsiao, and Peter Tian-Yuan Shih	629
The Tsunami of March 11, 2011 as Observed by the Network of Tide Gauges of French Polynesia	Jean-Pierre Barriot, Jonathan Serafini, Lydie Sichoix, Dominique Reymond, and Olivier Hyvernaud	639
An Object-Oriented Analysis for Characterizing the Rainfall-Induced Shallow Landslide	Kuan-Tsung Chang, Jin-King Liu, and Chu-I Wang	647
Rainwater Utilization to Reduce Flooding in Low-Lying Areas of Taipei City, Taiwan	Andrew Lo	657
Evaluating the Uncertainty of the Population Growth Parameter Estimates of Larval Anchovy in the Southwestern Waters of Taiwan Using Monte Carlo Simulations	Sheng-Ping Wang, Ming-An Lee, and Wen-Yu Chen	662
Super Long Conductive Channel Production by Impulsar ...	Victor Victor Apollonov and Nikolay Vlad Pletnev	670
Seasonal Prediction of Climate Extremes for the Pacific: Tropical Cyclones and Extreme Ocean Temperatures	Yuriy Kuleshov, Claire Spillman, Yan Wang, Andrew Charles, Roald de Wit, Kay Shelton, David Jones, Harry Hendon, Catherine Ganter, Andrew Watkins, Jemishabye Apajee, and Aurel Griesser	675
Cold Sea Surface Temperature Near Cheju Island Responding to Strong Cyclonic Wind and Positive Geopotential Tendency behind a Typhoon Center along Its Track	Hyo Choi, Mi-Sook Lee, and Soo Min Choi	684
Quantification of Carbon Emission Reduction by U-Transportation Service Effect: A Case Study of Dongtan U-City	Tae-Woong Jung, Mu-Wook Pyeon, and Jee-Hee Koo	693
Early-Summer Ichthyoplankton Biodiversity Associated with Oceanic Factors on the Continental Shelf of the Southern East China Sea	Wen-Yu Chen, Yi-Chen Wang, and Ming-An Lee	698
Interannual Variability of Wintertime Sea Surface Temperatures in the Eastern Taiwan Strait	Mu-Tun Tzeng, Kuo-Wei Lan, and Jui-Wen Chan	707
Title Index to Volume 20 (2012)		713
Author Index to Volume 20 (2012)		719
Key Words Index to Volume 20 (2012)		722