

Contents

Inundation Analysis of the Upstream Part of the Kuma River during the Heavy Rain in July 2020	1
Nozomu ONAKA, Yoshihisa AKAMATSU	
Runoff Analysis using RRI model for Kuma-Gawa River Basin and Flood Simulation around Hitoyoshi City	5
Kotaro TANABE, Masaki INABA, Hajime SHIROZU, Koji ASAI	
Estimation of Inundation Depth of Kuma-Gawa River flooding in July 2020 using SAR	9
YAMAMOTO, Hajime SHIROZU, Koji ASAI	
Pattern Classification of Meteorological Field induced Heavy Rain in Southern Kyushu using Self-Organizing Map	13
Tsubasa OKUMURA, Koji ASAI, Hajime SHIROZU, Koji NISHIYAMA	
Strong Wind Disaster of the Chugoku District by the Local Wind 1. Hiroto Wind	17
Haruhiko YAMAMOTO, Yuka WATANABE, Naoki KANEMITSU, Kyoko SAKAMOTO, Kiyoshi IWAYA	
Strong Wind Disaster of the Chugoku District by the Local Wind 2. Daisen Oroshi Wind and Misen Oroshi Wind	21
Haruhiko YAMAMOTO, Yuka WATANABE, Naoki KANEMITSU, Kyoko SAKAMOTO, Kiyoshi IWAYA	
Features of Debris Flow Disasters Occurring in Kamori Area, Ukiha City, Fukuoka in 1720 based on Local Historical Records and Local Field Survey	25
Koji NISHIYAMA, Kengo IURA	
Characteristics of Meteorological and Salt Damage of Roadside Tree and Farm Products by Typhoon No.10 in 2020	29
Haruhiko YAMAMOTO, Yuka WATANABE, Naoki KANEMITSU, Kyoko SAKAMOTO, Kiyoshi IWAYA	
Analysis of Damages due to Heavy Rain around Outlet Pipe and Spillway in Agricultural Irrigation Pond and Strategy of Disaster Prevention	35
Taichi ISHIMARU, Motoyuki SUZUKI	
Consideration on Causative Factor in Recent Earthquake-Induced Landslides	39
Kazuma KAMIUSE, Motoyuki SUZUKI	

Creating a "Calling" System to Encourage Proactive Evacuation Issues of Sediment-Related Disaster Hazard Map Formulation Process with the Participation of Residents #1	43
Naoki MEYAMA, Yuga NAKANO, Ryosuke FUJINAKA, Kenichi HAYASHI, Akira SAMUKAWA	
Creating a System Where One Decides When to Evacuate by Making My Own Timeline Issues of Sediment-Related Disaster Hazard Map Formulation Process with the Participation of Residents #2	47
Naoki MEYAMA, Ryosuke FUJINAKA, Yuga NAKANO, Kenichi HAYASHI, Akira SAMUKAWA	
Some Notes on Emergency Evacuation of Local Population by Proposed Kaminoseki Nuclear Power Plant Learning from Accidents of Kaminoseki and Oshima Bridges	51
Hitomi MURAKAMI, Hiroshi MURAKAMI	
Application of Artificial Intelligence to River Inspection using UAV	55
Ryo YAHARA, Satoshi NISHIYAMA, Tomohiro SHIMONO, Sayuri YOSHIOKA, Kohei OGATA	
Examination of Water Level Prediction based on Observed Precipitation using Recurrent Neural Network -for the Koto River Basin in the Yamaguchi Prefecture	59
Daichi FUKUMARU, Yoshihisa AKAMATSU, Tetsuya SHINTANI, Haruka FUJII	
Contribution of Space Technology for Disaster Risk Reduction in Asian Region	63
Makoto IKEDA	
The Study on Extraction of Falling Rock Source using Aerial Laser Data	67
Yoqing ZHANG, Koki SAKITA, Satoshi NISHIYAMA, Takeharu SATO	