Chugoku Regional Division Research of Natural Disaster Research Council No. 9 Contents

[Special Lecture] Comparison of the Gust Wind and Flood Damage to Occur in Japan -Based on the Field
Survey for 32 Years (1991-2022) and Data Analysis-
Haruhiko YAMAMOTO
Study on Relationship between Disaster Occurrence and Linear Rainband · · · · · · · · · · · · · · · · · · ·
Kotaro TANABE, Koji ASAI
Study on Characteristics of Precipitation in Summer Season in Yamaguchi Prefecture Using AMeDAS
Koji ASAI, Kotaro TANABE
Fundamental Study on Real-time Water Level Forecasting System Using Deep Learning
Daichi FUKUMARU, Yoshihisa AKAMATSU, Tetsuya SHINTANI
Numerical Simulation of Risk Assessment of River Inundation Caused by Debris Flow
Shoki EGUCHI, Nozomu ONAKA, Yoshihisa AKAMATSU
Changes in Flood Risk Caused by Land Use Transition in the Shimoyuge River Watershed, a Branch of the
Chikugo River · · · · · 2
Anna KOBA, Haruhiko YAMAMOTO, Mitsuyoshi MATSUOKA
Debris Flows Frequency in and around Hiroshima City and Higashihiroshima City······ 25
Hiroaki MATSUGI, Motoyuki SUZUKI, Kyoko KAGOHARA, Takamune KAWASHIMA
A Literature Survey on Characteristics of Landslide Caused by Rainfall after Large Earthquake······ 29
Yuki USHIRONE, Motoyuki SUZUKI
Model Experiment on the Process of Cavity/Sinking Caused by Soil Flow-out from River Revetments 33
Haobo SONG, Motoki YOSHII, BAYANMUNKH JARGALMAA, Hirotoshi MORI, Jyunpei OKAMOTO,
Ryoko SERA, Itaru SEKI
Time Variation of Suffusion Behavior under Condition of Fluctuated Hydraulic Gradient Focusing on Turbidity
in Drainage ····· 3'
Taichi ISHIMARU, Motoyuki SUZUKI, Shota TAKANO, Asahi KOMORI
Application of 2D Numerical Analysis to Cut Slope Stability in the Kanmonsougun · · · · · · · 4
Motovuki SUZUKI Kvosuka TANAKA Shingo MORIMOTO Noviaki KISHIDA

Performance Evaluation of Natural Vegetation Recovery Promotion Type Mat Incorporated with Soil Algae (BSC Mat)
Dynamic Properties of Gabion Laid for Pile Slab Track with between The Head Part of Improvement Pile and Concrete Slab
Operation of Hazard Map by Community Participation Support Tools in Yamaguchi Prefecture Issues of sediment-related disaster hazard map formulation process with the participation of residents #5············ 53 Naoki MEYAMA
Comparative Research on Impression of Past Monochrome Disaster Photo and Its Colorized Photo
Identification of the Timing of Occurrence of Tropical Coastal Peat Mass Movements