

JOURNAL OF
CHINESE SOIL AND WATER CONSERVATION

Vol. 48, No.4

December 2017

CONTENTS

Papers

1. The Use of a Hydrological Catchment Model to Determine the Occurrence of Temporal Creeping in Deep-seated Landslides ----- *Sheng-En Lin, Ya-Hsin Chan, Chih-Yu Kuo, Rou-Fei Chen, Ya-Ju Hsu, Kuo-Jen Chang, Shin-Ping Lee, Ruo-Ying Wu, Ching-Weei Lin* ---- 153
2. Application of Climate Change Scenario Data to Assess Debris Flow Impact and Volume ----- *Tingyeh Wu, Hsin-Chi Li, Yong-Ming Chen*---- 163
3. Application of a High-Resolution Digital Surface Model Produced by an Unmanned Aerial Vehicle in Canopy Gap Interpretation and Slope Stability Assessment -----
----- *Wei-Kai Huang, I Ting, Ching-Fang Lee*---- 175

Technical Notes

1. Scour from Vertical Drop through Flume Experiment and FLOW-3D-----
----- *Hao-Kai Ho, Po-Yen Liu, Hung-Pin Huang*---- 188
2. Elevation Variation Study in a Watershed Using Historical Topographic Maps-----
----- *Ming-Te Sun, Kuei-Lin Fu, Kun-Che Chan, Yu-Wen Su*---- 197
3. Participation Motivation, Organizational Commitment, and Job Satisfaction for Soil and Water Conservation Volunteers----- *Ya-Ling Chen, Hsun-Chuan Chan,*
----- *Yan-Ling Wu, Yu-Hui Lin, Yung-Chuan Ko, Kuo-Feng Huang*---- 206

Index

1. Volume 48, Author Index----- 218