

JOURNAL OF
CHINESE SOIL AND WATER CONSERVATION

Vol. 45, No.4

December 2014

CONTENTS

Papers

1. Establishing a New Susceptibility Model for Landslides in Urban Areas: A Case Study of Taipei City----- *Po-Chuan Chi, Che-Wei Shen, Shu-Yeong Chi, Li-Yuan Huang, Shih-Yuan Lin, Sin-Yuan Pan* ----- 217
2. The Influence of Topography and Geology on the Sedimentation in the Upstream Area of the Lan-Yang Catchment -----*Ke-Jian Shou, Li-Yuan Feit, Mian-Ming Chen* -----*Jiun-Her Linang, Yi-Ting Huang, Jia-Fei Lin* ----- 225
3. Applying Cone Penetration Testing and Electrical Resistivity Tomography to Estimate the Soil-bedrock Interface in Colluvium ----- *Tsung-Hsuan Lu, Wei-Li Liang* ----- 234
4. The Influence of Bedrock Location and Soil Characteristics on Rainfall-Runoff and Large-Scale Landslides-----*Chen-Yu Chen, Masaharu Fujita, Daizo Tsutsumi* ----- 243
5. The Landslide Susceptibility Model Based on Landslide Ratio by using Logistic Regression ----- *Chun-Hung Wu* ----- 257
6. Investigation on temperature regimes of the air, streamflow and top soil layers in the riparian area of the Lienhuachih No.3 Experimental Watershed -----
-----*Shiang-Yue Lu, Liang-Shin Hwang, Ho-Chiao Fu* ----- 266

Index

1. Volume 45, Author Index ----- 273

Chinese Soil and Water Conservation Society
Taipei, Taiwan, Republic of China