CONTENTS

Papers

1. High Precision and Adjusted Discharge Sediment, The experimental Station in Landao Creek, Huisun Forest ----- Su-Chin Chen, Shiuan-Pei An, Tsu-Yang Hsu, Chiang Wang ----- 1

2. Predicting Rainfall-Induced Shallow Landslides in a Basin with a Water Content Index
   ----------------------------------------------------------------
   Chen-Yu Chen, Masaharu Fujita ----- 7

3. Investigation and Analysis of the Characteristics of Shallow Landslides in Mountainous Areas of Taiwan ---------------------- Hsun-Chuan Chan, Chia-Chi Chang, Su-Chin Chen, Yun-Shiuan Wei, Zhao-Bao Wang, Tao-Sheng Lee ----- 19

4. The Transportation of Hsiankai Landslide Induced by 2009 Morakot Typhoon: Insight From a 3D Granular Discrete Element Simulation ------------------ Chia-Sheng Hsieh, Darn-Horng Hsiao, Chao-Lung Tang, Jyr-Ching Hu ----- 29

5. Investigation and Stability Analysis of Differential Erosion Rock Slope: Example of the Slope at 68K of Provincial Highway No. 2 ----------- Shih-Hsien Yang, Pei-Chen Chan Cheng-Han Lin, Hsi-Hung Lin, Min-Chih Hsu, Ting-Rui Wen, Ming-Lang Lin ----- 38

6. Vegetation Recovery on Landslide Susceptibility in the Chi-Sun Watershed ----------- Hsun-Chuan Chan, Pei-Shan Tsai, Chia-Chi Chang, Wen-Jeng Huang, Jing-Jing Wu ----- 47


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