

JOURNAL OF
CHINESE SOIL AND WATER CONSERVATION

Vol. 55, No.2

June 2024

CONTENTS

Papers

1. Effects of Hydraulic Factors on the Landslide Susceptibility of the Riverbank in the Chenyulan Watershed ----- *Hsun-Chuan Chan, Yu-Zhou Lin, Xiao-Zhu Hong*-----53
2. Analyzing Land Use on Slopes Through the Integration of Unmanned Aerial System Imagery With Remote-Sensing Indices----- *Bo-Lin Lai, Yu-Shen Hsiao*-----65

Technical Notes

3. Spray Planting on Side Slopes Using an Unmanned Aerial Vehicle: An Innovation and Feasibility Study----- *P.C. Shao, C.E. Lin*-----73
4. Prediction and Assessment of Groundwater Quality in a Geographic Information System Environment Using Machine Learning Methods (Semi-Arid Regions) -----
----- *Mobin Eftekhari, Hossein Khozeymehnezhad, Ali Haji Elyasi*-----84
5. Spatiotemporal Changes in Actual Evapotranspiration, Soil Moisture, the Normalized Difference Vegetation Index, and Land Use/Land Cover in the Gedeo Coffee-Based Agroforestry System of Southern Ethiopia -----
---- *Tedla Getahun, Girma Mamo, Getahun Haile, Daniel Markos, Gebremedhin Tesfaye*-----94