

Table of Contents

Volume 11 Number 2

February 2023

Sustainable Ecosystem Management via $\mathcal{H}_\infty$ -Control Theory of Stochastic Systems

M. Park.....1

Rhizosphere Soil Fungal Diversity and Soil Physicochemical Properties of Different Vegetations in Tundra of Changbai Mountain

R. Hao, L. Yang, Y. H. Wang.....13

Water Resources and Water Services Infrastructure and Its Vulnerability to Extreme Events—The Case of Jordan

E. Salameh.....30

Progress and Prospects of the Natural Restoration of Damaged Vegetation after the Earthquake

Y. P. Wei, Y. L. Du, Y. Y. Wang, M. Wang, Y. Y. Huang.....46

Evaluating Model Effectiveness for Soil Infiltration Attribute: Comparison of Green-Ampt, Horton and Modified Green-Ampt Infiltration Models

M. M. Khanaum, Md. S. Borhan.....57

Designing a Drought Monitoring System for Caribbean SIDS

K. Alexander, G. Thongs.....69

Influence of Pixel Quality, Land Cover, and Hydroclimatic Cycle on Moderate Resolution Imaging Spectroradiometer Inundation Monitoring Performance in the Pantanal, Brazil

S. W. G. da Silveira, I. Fantin-Cruz, P. Zeilhofer.....90

The Spatial Patterns of Road Traffic Crash Black Spots and Emergency Facilities in Federal Capital City

M. S. Jibril, D. S. Aule, B. D. Garba.....121

Spatial Accessibility of Emergency Facilities to Road Accident Victims in Federal Capital City

D. S. Aule, M. S. Jibril, B. D. Garba.....135