

CONTENTS

Original Articles

1. **Nguyen Thi Quynh Anh, Nguyen Thi Ngan, Lai Quang Trung, Doan Dinh Hung, Dinh Mai Van**, Silicon Fluxes in Upland Corn Agroecosystems 1
2. **Vu Duy Dong, Nguyen Hung An, Nguyen Tien Phat, Nguyen Thi Huyen, Nguyen Thi Nhat Thanh**, Utilizing Multi-source Data and Machine Learning Models for Multi-class Rainfall Estimation in Central Vietnam 11
3. **Engku Ahmad Khairi, Norida Mazlan, Norhayu Asib, Wan Mohd Hafezul, Wan Abdul Ghani**, Effects of Pretilachlor Herbicide on the Embryos and Adults of Javanese Medaka (*Oryzias javanicus*) 28
4. **Nguyen Truong Thanh, Huynh Viet Trieu, Pham Van Toan, Kim Lavane, Nguyen Tri Khang, Nguyen Vo Chau Ngan**, Testing the Removal of Microplastics from Surface Water Using Okra Mucilage Combined with Polyaluminium Chloride (PAC) 40
5. **Nguyen Thi Ha Thanh, Nguyen Phuc Anh Khue, Nguyen Tien Giang, Bui Quang Thanh, Pham Le Tuan, Bui Ngoc Tu, Nguyen Huu Duy**, Assessing Livelihood Capitals to Adapt with Saline Intrusion of Households in the Red River Delta: a Case Study in Dong Thuy Anh Commune, Hung Yen Province 50
6. **Duong Thi Toan, Dang Quang Khang, Tran Thi Dung, Do Minh Duc**, Identification and Delineation of Potential Large-scale Landslide-prone Areas Along National Highway 32, Lao Cai Province, Vietnam 65
7. **Do Thi Ngan, Dang Kinh Bac, Nguyen Thi Yen, Pham Thi Phuong Nga**, Analyzing the Relationship between Coastal Geomorphological Features and Coastal Litter Accumulation in Nam Dinh Area 85
8. **Hoa Thuy Quynh, Nguyen Thanh Hoan, Nguyen Anh Tuan, Ho Le Thu, Nguyen Van Dung, Vo Trong Hoang**, Assessment of Vegetation Cover Dynamics and Its Relationship with Urbanization in Hanoi from 2000 to 2023 Using Multi-temporal Remote Sensing Data 102