VNU JOURNAL OF SCIENCE

Earth and Environmental Sciences

Vol. 38, No. 3, 2022

CONTENTS

Original Articles

1.	Pham Anh Hung, Nguyen Quoc Viet, Nguyen Ngoc Huyen, Tran Thien Cuong, Le Sy Chung, Le Xuan Thai, Le Sy Chinh, Research Method for Assessing the Potential of Solar Energy Source: Case Study in Thanh Hoa Province	1
2.	Pham Thi Hong Phuong, Nghiem Trung Dung, Pham Thi Mai Thao, Trinh Thi Tham, Emissions Factors of Air Pollutants from Rice Straw Burning-hood Experiments	12
3.	Nguyen Minh Chau, Pham Thanh Dong, Nguyen Minh Viet, Do Dinh Khai, Nguyen Thi Thuy, Trinh Thi Phong Huong, Tran Duc Khanh, Vu Ha Giang, Hoang Van Ha, Investigate the Water Activity of Different Solutions According to Solute Concentration for Preparing Wet Filtration Solution	22
4.	Do Thi Nhung, Pham Vu Dong, Bui Quang Thanh, Pham Van Manh, Study Model for Information Reconstruction on Cloud Contaminated Area for Single Multispectral Remote Sensing Sentinel-2 Imagery using Generative Adversarial Network	32
5.	Nguyen Ngan Ha, Le Anh Tuan, Recycling Sprout By-product as Organic Growing Media	45
6.	Dang Kinh Bac, Ngo Chi Cuong, Ngo Van Liem, Dang Van Bao, Coastal Vulnerability Assessment in Son Tra – Cua Dai Region	55
7.	Le Van Thien, Sea Surface Temperature Changes Over the Twentieth and Twenty-First Centuries in East Vietnam Sea Simulated by Multi CMIP5 Models	66
8.	Pham Ngoc Hoai, Pham Bao Quoc, Tran Thanh Thai, Apply Machine Learning to Predict Saltwater Intrusion in the Ham Luong River, Ben Tre Province	79
9.	Bui Duy Linh, Hoang Anh Le, Nghiem Xuan Truong, Nguyen Viet Thanh, Nguyen Thi Nang, Nguyen Ngoc Hung, Evaluation of Mass Concentration and Size Distribution of Fine Particles (PM _{2.5}) in Bien Hoa City, Dong Nai Province	93
10.	Tran Thi Thu Huong, Nguyen Xuan Tong, Nguyen Phuc Thuy Duong, Nguyen Van Nghia, Vu Hai, Nguyen Thanh Binh, Evaluation of the Ability to Treat Saline and Acid Sulfate Soils of Biochar from Rice Husks in Greenhouse Conditions	101