VNU JOURNAL OF SCIENCE

Earth and Environmental Sciences

Vol. 40, No. 1, 2024

CONTENTS

Original Articles

1.	Dau Thi Thuong, Tran Thi Hong, Nguyen Thi Hue, Study on Treatment of Ciprofloxacin in Water with Co, N Co-doped TiO ₂ Photocatalysts on Vermiculite	1
2.	Duong Thi Phuong Anh, Nguyen Trung Thang, Nguyen Thi Ha, Nguyen Truong Huynh, Domestic Plastic Waste Generation in Rural Area of Thai Do Commune, Thai Thuy District, Thai Binh Province	8
3.	Nguyen Thi Mai, Dang Van Thanh, Nguyen Manh Khai, Tran Thi Minh Hang, Sonodegradation of Sulfamethoxazole in Water Using Red Mud and Rice Husk Biochar Catalysis	20
4.	Hoang Anh Le, Bui Duy Linh, Nguyen Thanh Tuan, Pham Thu Huyen, Characteristics of PM _{2.5} in Long Binh Industry Park, Bien Hoa City, Vietnam: Concentrations, Chemical Composition, Source Appointment, and Health Risk Assessment	30
5.	Dao Bui Din, Tran Nghi, Nguyen Quang Luat, Dinh Xuan Thanh, Nguyen Phuong Thao, Nguyen Thi Huyen Trang, Nguyen Dinh Thai, Characteristics and Geological Conditions of Coastal Zone Quaternary Sediment Formations in The Binh -Tri -Thien Area under The Context of Global Sea Level Change	40
6.	Pham Van Quang, Impact of Earthworms (<i>Metaphire</i> sp., <i>Amynthas zenkevichi</i> , and <i>Amynthas robustus</i>) on Soil Porosity and Water Infiltration	62
7.	Tran Thi Kim Phuong, Tran Thi Hong, Domestic Solid Waste Management in Tho Nghiep Commune, Xuan Truong District, Nam Dinh Province: Current Status and Solutions	72
8.	Dang Kinh Bac, Application of Artificial Intelligence for Monitoring Shoreline Changes in the Central Coast of Vietnam	82
9.	Le Thi Hoang Oanh, Tran Nhat Le, Luu Minh Loan, Nguyen Truong Quan, Separated or Combined Treatment of Dye Wastewater Streams: A Case Study with Coagulation and Flocculation Process	98