

## Environment & Ecosystem Science (EES)

### HEAD OFFICE ADDRESS:

#### Zibeline International Publishing Sdn Bhd

C2-2-3, Block 2, CBD Perdana 3,  
Persiaran Cyberpoint Timur,  
Cyber 12, 63000 Cyberjaya,  
Selangor.

**Tel:** +603-86879842

### EDITORIAL STAFF:

#### Publishing Manager

Tasbia Ab Rajul

#### Publishing Editor

Nurul Afiqah Ab Manan

#### Publishing Editor

Rozalaidah Abdul Karim

#### Technical Editor

Nuraliah Natasha Amirulhisam

#### Technical Editor

Muhammad Aqil Zikry Mohd Nizam

### Frequency:

Bi-annual (2 issue per year)

ISSN: 2521-0882 (Print)

ISSN: 2521-0483 (Online)

### Price:

Single issue: 50 MYR

Price for abroad

Single issue: 25 USD

### Web:

[www.environecosystem.com](http://www.environecosystem.com)

### E-mail:

[info@zibelinepub.com](mailto:info@zibelinepub.com)

# Environment & Ecosystem Science (EES)

## Contents

VOLUME 7, ISSUE 2, 2023		
No	Editorial	Pages
1	EXAMINING THE IMPACT OF CLIMATE CHANGE ON COMMUNITY DISASTER RISK AND IDENTIFYING STRATEGIES FOR ADAPTATION: A SYSTEMATIC REVIEW FOR SUB-SAHARAN AFRICA	36-39
2	UPDATED KNOWLEDGE ON MALARIA VECTORS IN MALAYSIA: A SCOPING REVIEW	40-47
3	STUDY ON THE SPATIOTEMPORAL DIFFERENTIATION CHARACTERISTICS OF "MOUNTAINS, RIVERS, FORESTS, FIELDS, LAKES, AND GRASS CITIES" IN THE TAI'AN SECTION OF THE YELLOW RIVER BASIN	48-53
4	DYNAMICS OF THE FOREST LANDSCAPE IN THE MIKEMBO SANCTUARY: 20 YEARS AFTER ITS CREATION AS A FLORA AND FAUNA CONSERVATION RESERVE, UPPER-KATANGA, DR CONGO	54-60
5	SECURING AN ALTERNATE POWER SOURCE FOR DHAKA CITY THROUGH RENEWABLE ENERGY GENERATION	61-65
6	DECLINE OF FOREST ECOSYSTEM THROUGH CLIMATE CHANGE: DIEBACK IN PERSIAN OAK (QUERCUS BRANTII LINDL.)	66-76

# Environment & Ecosystem Science (EES)

## Editorial

The scope of environment and ecosystem science extends from bounded systems such as watersheds to spatially complex landscapes, to the Earth itself, and crosses temporal scales from seconds to millennia. Environment and ecosystem science has strong links to other disciplines including landscape ecology, global ecology, biogeochemistry, aquatic ecology, soil science, hydrology, ecological economics and conservation biology. Studies of ecosystems employ diverse approaches, including theory and modelling, long-term investigations, comparative research and large experiments. Environment and ecosystem science publishes scientific articles dealing with the interface between ecosystems and the natural environment, specifically how ecosystem influences the environment and how changes in that environment impact ecosystems. Preference is given to papers from experimental and observational research at the field, system or landscape level, from studies that enhance our understanding of processes using data-based biophysical modelling, and papers that bridge scientific disciplines and integrate knowledge. All papers should be placed in an international or wide comparative context. All manuscripts are initially screened on their topic suitability and linguistic quality.

## Scientific Board

### Editorial Team

#### Editor in Chief

Prof Dr Ahmad Jalal Khan Chowdhury  
Faculty of Agriculture,  
Universiti Islam Sultan Sharif Ali (UNISSA),  
Sinaut Agricultural Training Centre TB 1741, Brunei  
Darussalam

Dr. Muhammad Izzuddin Syakir  
Universiti Sains Malaysia

Dr Saima Nasreen  
Department of Environmental Sciences  
Women University, Multan, Pakistan

#### Editorial Board

Prof. Dr. Muhammad Aqeel Ashraf  
School of Environmental Studies,  
China University of Geosciences (Cug),  
Wuhan Peoples' Republic of China

Engr. Prof. Mike Agbesi Acheampong  
Pro Vice-Chancellor  
Kumasi Technical University,  
Kumasi-Ghana