

Journal Clean WAS (JCleanWAS)

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 Amirrulhisam

Technical Editor

Muhammad Aqil Zikry Mohd Nizam

Frequency:

Bi-annual (2 issue per year)

ISSN: 2521-0912 (Print)

ISSN: 2521-0513 (Online)

Price:

Single issue: 50 MYR

Price for abroad

Single issue: 25 USD

Web:

www.jcleanwas.com

E-mail:

info@zibelinepub.com

Contents

VOLUME 7, ISSUE 2, 2023		
No	Editorial	Pages
1	SENSATION ON FEET COOLING WITH THERMAL COMFORT IN A PORUS WALLED ROOM	41-47
2	DETERMINATION OF HEAVY METALS AND ENVIRONMENTAL HEALTH STATUS OF AGRO SOILS IN IKOT ABASI, NIGER DELTA, NIGERIA	48-53
3	STATUS OF SOIL QUALITY ON RECLAIMED LAND IN AN ARID REGION	54-61
4	POTENTIAL RISKS ASSOCIATED WITH MISMANAGEMENT OF HOSPITAL WASTEWATER IN TANZANIA	62-68
5	SOIL TILLAGE VARIANTS AND SULPHUR FERTILIZATION AFFECT NODULATION, N ₂ FIXATION AND YIELD OF BAMBARA GROUNDNUT (<i>Vigna subterreana</i>) IN SOUTHEAST NIGERIA	69-75
6	EFFECT OF WATERLOGGING ON YIELD ATTRIBUTES OF CHILLI	76-80
7	PHOTOCATALYTIC DEGRADATION OF REACTIVE RED DYE AND OPTIMIZATION OF THEIR EXPERIMENTAL FACTORS	81-87

Editorial

Journal CleanWAS is the official journal of International Water, Air & Soil Conservation Society (INWASCON). Journal CleanWAS is an open access product launched to publish selected best quality articles from International Conference on Clean Water, Air & Soil (CleanWAS). CleanWAS is the conference organized every year since 2010 under The International Water, Air and Soil Conservation Society (INWASCON) with joint supports from Malaysian and Chinese Universities. The aim of Journal CleanWAS is to provide productive opportunities for academics and practitioners from interdisciplinary fields of Environmental Sciences to publish their papers in a dedicated online issue. Journal CleanWAS offers an opportunity to potential contributors and experts in bringing new techniques and horizons that will contribute to clean environment.

Scientific Board

Editorial Team

Editor in Chief

Professor Dr. Kamaruzaman Yunus
Kulliyah of Science,
International Islamic University, Malaysia

Managing Editor

Assist Prof. Dr. Mohd Fuad Bin Miskon
Department of Marine Science & Technology,
Kulliyah of Science,
International Islamic University Malaysia (IIUM),
Malaysia

Prof. Dr. Claudio M. Amescua García
Department of Publications, Centro De Ciencias De
La Atmósfera,
Universidad Nacional Autónoma De México

Associate Editor

Professor. Dr. Ahmed Jalal Khan Chowdhury
Kulliyah of Science,
International Islamic University, Malaysia

Editorial Board Members

Dr. Shankar Garg
Environmental Disasters Research Institute,
Govt, Holkar Science College,
India

Dr. Anantharaman
Centre of Advanced Study in Marine Biology,
Faculty of Marine Sciences,
Annamalai University,
India

Dr. Hafizan Juahir
Institute Research of East Coast Environment
(ESERI),
Universiti Sultan Zainal Abidin (UniSZA),
Malaysia

Dr. Wan Mohd Norsani Bin Wan Nik
Head of Cluster (Maritime Technology and
Management),
Universiti Malaysia Terengganu

Dr. Mohd Armi Bin Abu Samah
Kulliyah of Science,
International Islamic University, Malaysia

Dr Faiza Al-Yamani
Environment and Life Sciences Research Center,
Kuwait Institute of Scientific Research (KISR)

Dr. Mustafizur Rahman
Kulliyah of Science,
International Islamic University, Malaysia

Dr. Raslan Alenezi
College of Technological Studies,
PAAET, Kuwait

Dr. Rajasekaran
School of Bio Sciences and Technology (SBST),
VIT University, India

Dr Kadhar Sha
Department of Animal Husbandry Dairying and
Fisheries
Ministry of Agriculture, Government of India

Dr. Sharr Azni Harmin
Marine Technology Centre
UTM, Malaysia

Dr. Lie Yang
School of Resources and Environment Engineering
Wuhan University of Technology,
Wuhan, China

Journal Clean WAS (JCleanWAS)

Dr. Huihui Gan
School of Civil Engineering and Architecture,
Ningbo Institute of Technology,
Zhejiang University, China

Assoc Prof. Dr Farah Talpur
National Centre of Excellence in Analytical
Chemistry,
University of Sindh Jamshoro, Pakistan

Prof. Dr Kamaruzzaman Yunus
Kulliyah of Science,
International Islamic University,
Malaysia

Prof. Dr Muhammad Aqeel Ashraf
National Centre of Excellence in Analytical
Chemistry,
University of Sindh Jamshoro, Pakistan

Dr Ahmed Kaleem Qureshi
The Islamia University of Bahawalpur, Pakistan

Dr Abdul Wajid
The Islamia University of Bahawalpur, Pakistan

Assoc Prof. Dr Aamna Balouch
National Centre of Excellence in Analytical
Chemistry,
University of Sindh Jamshoro, Pakistan

Prof. Dr Mohd Jamil Maah
Department of Chemistry,
University of Malaya, Kuala Lumpur
Malaysia

Prof. Dr Ahmed Jalal Khan Chowdhury
Kulliyah of Science,
International Islamic University,
Malaysia

Dr Akbar John
Kulliyah of Science,
International Islamic University,
Malaysia

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

Dr Aysha Masood
Department of Geology,
University of Malaya, Kuala Lumpur,
Malaysia

Assoc. Prof. Dr Wenzhi Zeng
School of Water Resources and Hydropower
Engineering,
Wuhan University,
Wuhan, Pr. China

Dr Firuza Beghum Mustafa
Department of Geography,
University of Malaya, Kuala Lumpur,
Malaysia

Assoc Prof. Dr Majid Hosseini
Soil Conservation and Watershed Management
Research Institute (SCWMRI),
Tehran-iran

Dr. Khaled S. Balkhair
Department of Hydrology and Water Resources
Management,
King Abdulaziz University, Jeddah, Saudi Arabia

Dr Mohamadreza Gharibreza
Soil Conservation and Watershed Management
Research Institute (SCWMRI),
Tehran-iran

Associate Professor Dr. Shahreen Kasim
Head of Centre,
Soft Computing and Data Mining (SMC),
Faculty of Computer Science & Information
Technology,
University Tun Hussein Onn, Malaysia

Prof. Dr. Sue J Lin
Energy & Environmental Research Center
Department of Environmental Engineering
National Cheng Kung University, Taiwan

Professor Dr. Miklas Scholz
School of Computing Science & Engineering,
The University of Salford, UK

Damian Felladam Tangonyire
Agriculture for Social Change Department
Regentropfen College of Applied Sciences-kansoe
Bolgatanga Upper East Region, Ghana

Dr Emad Ali Alsherif
Department of Botany,
Faculty of Science,
Beni Suef University, Egypt.

Dr. Sudhir Kumar Singh
K. Banerjee Centre of Atmospheric & Ocean
Studies, Iids, Nehru Science Centre,
University of Allahabad,
Uttar Pradesh, India.