

Table of Contents

Volume 31, Issue 11 — November 2024

Research Articles

1.

Surface Water Quality Contamination Source Apportionment and Physico-Chemical Characterization at the Upper Section of the Jakarta Basin

Robert Nakamura, Sarah Polishchuk, Viktor Rudenko, James Polishchuk, Sarah Polishchuk, Viktor Rudenko, James Polishchuk

Keywords: Surface Water Quality; Jakarta Basin; Nigeria; Water Contamination; Source Apportionment; Physicochemical

2.

The Role of Mycorrhizal Fungi in Enhancing Plant Resilience to Climate Change

Aisha Patel, Hiroshi Tanaka, Sofia Garcia, Fatima Al-Mansouri, Olaf Ferrari

Keywords: Mycorrhizal Fungi; Plant Resilience; Climate Change; Symbiosis; Ecosystems

3.

A New Power System Planning by Installing DG Units in a Competitive Electricity Market

Laura Lefebvre, Ryu Liu, Elena Rodríguez, Kwame Fischer

Keywords: Power System Planning; Distributed Generation; Distribution System; Competitive Market; Long-term Planning

4.

Occurrence of Innate Morphological Deformities in Fishes of Tripura, North East India-A Possible Case of Inbreeding

Antoine Moyo, Pierre Chen, Petro Torres, Yong Ramírez, Pierre Chen, Petro Torres, Yong Ramírez

Keywords: Fish Deformities; Tripura; Morphological Abnormalities; Aquaculture; Ichthyology; Northeast India

5.

Effects of Urbanization on Native Plant Species in Mediterranean Ecosystems

, Thomas Roux, Yuriy Svensson, Kenji Dubois

6.

Utilizing Remote Sensing and Machine Learning for Biodiversity Assessment in Tropical Rainforests

Dr. Maria Gomez, Dr. Hiroshi Tanaka, Dr. Amina El-Sayed, Marc Williams

Keywords: Biodiversity; Remote Sensing; Machine Learning; Tropical Rainforests; Conservation; Satellite Imagery

7.

Assessing the Impact of Urban Green Spaces on Biodiversity and Citizen Well-being

, José Mensah

Keywords: Urban Green Spaces; Biodiversity; Citizen Well-being; Urban Planning; Ecosystem Services; Urban Ecology