

Table of Contents

Volume 30, Issue 8 — August 2023

Research Articles

1.

Investigating the Role of Mycorrhizal Networks in Forest Ecosystems for Enhanced Biodiversity

Sofia Hernández, Amir Alavi, Aiko Tanaka, Kofi Mensah, Olivier Kone, Kazuki Laurent, Ivan Ndlovu

Keywords: Mycorrhizal Networks, Forest Ecosystems, Biodiversity, Symbiosis, Ecosystem Stability

2.

Impact of Deforestation on Biodiversity in the Amazon Rainforest: A Quantitative Analysis

Renata Silva, Chen Wei, Amina Patel, Lars Johansson, Amara García, Jean Kovalenko

Keywords: Amazon Rainforest; Deforestation; Biodiversity; Species Richness; Ecological Conservation

3.

Impact of Urban Green Spaces on Biodiversity and Ecosystem Services in Metropolitan Areas

, Kazuki Lysenko, Fernando Li

Keywords: Urban Ecology; Biodiversity; Ecosystem Services; Green Spaces; Urban Planning

4.

A class of multi-objective supply chain networks optimal model under random fuzzy environment and its application to the industry of Chinese liquor

David Wagner, Kenji Olsson, Tendai Melnyk, Sofia González

Keywords: Supply Chain; Multi-Objective Optimization; Network Model; Operations Research; Logistics

5.

Goats in Resource-Poor Systems in the Dry Environments of West Asia, Central Asia and the Inter-Andean Valleys

William Chen, Hiroshi Pérez, Hiroshi Pérez

Keywords: Goats; Resource-Poor Systems; Dry Environments; West Asia; Livestock; Animal Husbandry

6.

Phytoremediation Potential of Native Plant Species in Heavy Metal-Contaminated Soils

Haruto Tanaka, Priya Nair, Fatima Jafari, Lucas Meyer, Dmytro Diallo, Miguel Hernández, Lei Schulz

Keywords: Phytoremediation; Heavy Metals; Native Species; Soil Health; Environmental Remediation

7.

Preliminary Survey of Avifauna Around Wind Farm of Jangi Region, Kutch District, Gujarat, India

Nicolas Wang, Jun Suzuki, Oluwaseun Liu, Kofi Savchenko, Jun Suzuki, Oluwaseun Liu, Kofi Savchenko

Keywords: Avifauna, Wind Farm, Birds, Environmental Impact, Jangi Region, Ornithology

8.

Beneficial Effect of Lytic Pasteurella Bacteriophage and Its Potential Use as A Biocontrol Against Pasteurella Multocida Infection in Septic Mice Model

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Keywords: Bacteriophage; Pasteurella; Lytic Phage; Antimicrobial; Phage Therapy

9.

Deployment of Weather and Meteorological Observation via Stratospheric Platform Stations (SPS)

Dimov Stojce Ilcev

Keywords: Weather Observation; Meteorological; Stratospheric Platform; Remote Sensing; Atmospheric Science

10.

Architecture and Characteristics of Antenna Systems onboard Inmarsat Spacecraft for Mobile Satellite Communications

Dimov Stojce Ilcev

Keywords: Antenna Systems; Inmarsat; Satellite Communication; Architecture; Aerospace Engineering