

Table of Contents

Volume 29, Issue 2 — February 2022

Research Articles

1.

The Role of Mycorrhizal Networks in Forest Ecosystem Resilience

Li Wei, Sofia Moretti, Jamal Ndlovu, Alessandro Davis, Wolfgang Dlamini

Keywords: Mycorrhizal Networks; Forest Ecosystems; Biodiversity; Resilience; Climate Change

2.

Effects of Zinc Oxide Nanoparticles on Plant Growth and Soil Health in Agroecosystems

Akira Tanaka, Isabella Rossi, Priya Nair, Ahmed El-Sayed, Yuriy González

Keywords: Zinc Oxide Nanoparticles; Plant Growth; Soil Health; Agroecosystems; Nanotechnology

3.

EFFECT OF SOIL COMPOSITION AND IRRIGATION STRATEGIES ON THE GROWTH OF NATIVE PLANT SPECIES

Elena García, Hiroshi Nakamura, Aisha Khan, Thabo Mbeki, Masashi Dlamini, Carlos López, Ming Takahashi

Keywords: Soil Composition; Irrigation Strategies; Native Plants; Environmental Management; Plant Growth

4.

Phytochemical and Ethnobotanical Studies on Medicinal Plants of Arang Kel, District Neelum, Azad Kashmir, Pakistan

Bjorn Michel, Rafael Schulz, Andriy Martínez, Feng Russo, Rafael Schulz, Andriy Martínez, Feng Russo

Keywords: Phytochemical, Ethnobotany, Medicinal Plants, Traditional Medicine, Plant Chemistry

5.

Impact of Climate Change on Alpine Flora: A Case Study in the European Alps

, Ricardo Brown

6.

Impact of Urban Green Spaces on Biodiversity and Microclimate Regulation: A Comparative Study

Elena Rodriguez, Aiko Tanaka, Johann Müller, Hans Liu, Antoine Laurent

Keywords: Urban Green Spaces; Biodiversity; Microclimate Regulation; Urban Sustainability; Temperature Mitigation

7.

Floristic Diversity and Ecological Characteristic of Vascular Plants of Sakrah Valley Mardan, Pakistan

Zia Ul Islam, Syed Ghias Ali, Asad Ullah, Syed Mukaram Shah, Asif Raza, Ali Sher, Wajid Khan

Keywords: Floristic Diversity; Vascular Plants; Ecology; Botanical Study; Plant Diversity

8.

Environmental Risk Assessment and Chemical Contamination with Trace Elements Deposited in Drain Sediments South of Manzala Lake (Egypt)

Mottia Abd-Elwahed, Samia Haroun, Amer Mowafy, Yasser El-Amier

Keywords: Environmental Risk; Chemical Contamination; Trace Elements; Pollution Assessment; Environmental Science

9.

A case of recurrent hypothyroidism-induced rhabdomyolysis

Toru Shizuma

Keywords: Hypothyroidism; Rhabdomyolysis; Recurrent; Thyroid; Endocrinology; Case Report