

Table of Contents

Volume 29, Issue 3 — March 2022

Research Articles

1.

INTEGRATED ECOLOGICAL MODELING FOR PREDICTING PLANT SPECIES DISTRIBUTION IN CHANGING CLIMATES

Dr. Mei Ling Zhang, Prof. Carlos Rivera, Dr. Amara Singh, Yang Wagner

Keywords: Ecological Modeling; Climate Change; Plant Distribution; Biodiversity; Conservation; Remote Sensing

2.

Impact of Urban Vegetation on Air Quality and Biodiversity in Metropolitan Areas

Liam O'Connor, Fatima Al-Mansouri, Hiroshi Tanaka, Sofia García, Victoria Melnyk, José Torres, Daniel Rodríguez

3.

Impact of Mycorrhizal Symbiosis on Carbon Sequestration in Temperate Forest Ecosystems

, Sofia Schmidt

Keywords: Mycorrhizal Symbiosis; Carbon Sequestration; Temperate Forest; Ecosystem Services; Soil Carbon

4.

Some Biological Parameters and Morphological Descriptions Study on the Milkweed Bug, *Spilostethus Pandurus* Scop., (Hemiptera: Lygaeidae)

Sven Dubois, Daniel Eriksson, Daniel Gustafsson, Daniel Eriksson, Daniel Gustafsson

Keywords: Biological Parameters; Morphological Descriptions; Animal Biology; Species Study; Zoology

5.

Impact of Urban Green Spaces on Air Quality and Urban Heat in Metropolitan Areas

Dr. Aisha Patel, Dr. Hiroshi Takahashi, Dr. Maria Gonzalez, Lei Rudenko

Keywords: Urban Green Spaces; Air Quality; Urban Heat Island; Sustainable Urban Planning; Environmental Science

6.

Assessing the Impact of Urbanization on Native Plant Species Diversity in Poland

Aiko Tanaka, Rajesh Patel, Maria Kowalski, Bjorn Wilson

Keywords: Urbanization; Native Plant Species; Biodiversity; Ecosystem Services; Conservation; Poland

7.

Impact of Climate Change on Alpine Plant Biodiversity in the Carpathians

Marta Kowalski, Hiroshi Tanaka, Aisha El-Sayed, Carlos Mendez, Antonio Lysenko, Peter González

Keywords: Climate Change; Alpine Biodiversity; Carpathian Mountains; Plant Ecology; Conservation

8.

Narghile: Perspectives, reality and effects on health

Iasmim Lima Menezes, Mayra Lucy Macedo Targino, Ernani Canuto Figuerêdo Júnior, Flaviana Dornela Verli, Sandra Aparecida Marinho

Keywords: Narghile; Hookah; Health Effects; Tobacco; Smoking; Public Health