

Special Issue

Biodiversity of Plants and Their Use in Biomonitoring and Environmental Protection

Message from the Guest Editors

The impact of environmental pollution on living organisms has been known for a long time. Analysis of trace elements, including heavy metals, but also polycyclic aromatic hydrocarbons and microplastics accumulated in algae, mosses, or lichens used in biological monitoring provides a wealth of information. An important element in determining the concentrations of pollutants in biological material used in biomonitoring is the proper planning of the experiment, taking into account, among other things: the means of collecting or exposure samples, the selection of analytical methods, and the means of evaluating and interpreting the results. The purpose of this special issue of *Plants* is to expand the current state of knowledge on topics related to the use of biological monitoring methods in assessing the state of environmental pollution.

Guest Editors

Prof. Dr. Małgorzata Rajfur

Institute of Biology, University of Opole, 45-032 Opole, Poland

Dr. Paweł Świsłowski

Institute of Biology, University of Opole, 45-032 Opole, Poland

Deadline for manuscript submissions

closed (31 December 2024)



Plants

an Open Access Journal
by MDPI

Impact Factor 4.1
CiteScore 7.6
Indexed in PubMed



mdpi.com/si/182723

Plants

Editorial Office

MDPI, Grosspeteranlage 5

4052 Basel, Switzerland

Tel: +41 61 683 77 34

plants@mdpi.com

[mdpi.com/journal/
plants](https://mdpi.com/journal/plants)





Plants

an Open Access Journal
by MDPI

Impact Factor 4.1
CiteScore 7.6
Indexed in PubMed



[mdpi.com/journal/
plants](https://mdpi.com/journal/plants)



About the Journal

Message from the Editor-in-Chief

Plants is an open access journal which provides an advanced forum for research findings in areas related to plant function, its physiology, biology, taxonomy, stresses, and its interactions with other organisms. It publishes original research articles, reviews, reports, conference proceedings (peer reviewed full articles) and communications. In original research papers, it is important that full experimental details are provided. We also encourage timely reviews and commentaries on topics of interest to the plant research community.

Editor-in-Chief

Prof. Dr. Dilantha Fernando
Department of Plant Science, University of Manitoba, Winnipeg, MB
R3T 2N2, Canada

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, PubAg, AGRIS, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q1 (Plant Sciences) / CiteScore - Q1 (Ecology, Evolution, Behavior and Systematics)