

Special Issue

The Role of Plants in Phytoremediation of Particulate Matter and Other Air Pollutants

Message from the Guest Editors

Over the last few decades, major changes have taken place in human surroundings that were not associated with a concern for the environment. One of the most dangerous inhaled pollutants is particulate matter (PM). If pollutants have been emitted to the atmosphere, the only possible method to clean the air is via environmental biotechnology—phytoremediation. This Special Issue will highlight the importance of vegetation planted along communication routes, cities, and other urbanized areas in reducing and accumulating particulate matter and other air pollutants. The research proposed will make a significant contribution to the development of phytoremediation technology. This may result in the development of appropriate recommendations for the phytoremediation of air pollution in urban areas and the development of “green tools” for landscape architects and road engineers. We cordially invite you to create with us this unique Special Issue that will contribute to the dissemination of your research results around the world.

Guest Editors

Dr. Robert Popek
Dr. Arkadiusz Przybysz
Dr. Adrian Łukowski

Deadline for manuscript submissions

closed (30 April 2024)



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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, and 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

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