

# Special Issue

## Advances in Phytomanagement

### Message from the Guest Editors

Contaminated soils can be remediated by plants and their associated microbiota in order to remove, uptake, or render harmless contaminants. Such a process can be optimized by manipulating the soil–plant system. This can be achieved through the use of pollutant tolerant plants and/or the application on contaminated areas of amendments whose purpose will be to stabilize the pollutants in the soil and make them not bioavailable. Thus, the presence of a plant cover on a polluted site that until then was barren will reduce wind erosion and water leaching, lowering the risk of contamination spreading. It will then be possible to valorize the biomass obtained either for the production of energy or the extraction of metalloids, for instance, which will ultimately produce an economic benefit. This Special Issue of *Plants* will highlight theoretical and experimental results of research in all fundamental and applied fields of phytomanagement.

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### Guest Editors

Dr. Domenico Morabito  
Dr. Sylvain Bourgerie  
Dr. Manhattan Lebrun

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### Deadline for manuscript submissions

closed (30 April 2023)



## Plants

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## 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, 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.

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### Editor-in-Chief

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