

## Special Issue

# The Effects of Pollution on Plants

### Message from the Guest Editor

Monitoring of pollution and environmental health are crucial to ensure viable cities. With the speed of urbanization and industrialization in recent decades, pollution-emitting sources have increased both in number and intensity. Urban growth is expected to continue; therefore, large-scale urban planning and development projects are urgent challenges. To study these effects, plants are especially useful biological indicators. Plants are present in every city, and they act as pollution sinks. For example, plant leaves are biological filters that absorb PM and heavy metals, while leaf-deposited PM is partly absorbed through cuticle digestion or stoma penetration. At the same time, the deposition process may be influenced by the physiological and ecological characteristics of plants, environmental conditions, wind speed and direction, rainfall, season, and accumulation period. This Special Issue of *Plants* will thus present research on the effects of air, water, and soil pollution on plants. Studies focusing on air pollutants, soil pollutants, water pollutants, and their effects on plants, biomonitoring, bioindication, phytoremediation, or pollution are welcome.

### Guest Editor

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### Deadline for manuscript submissions

closed (31 August 2022)



## Plants

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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, 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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