

## Special Issue

# Environmental Contaminants: Impacts and Responses in Plant and Soil Systems and Their Remediation Strategies

### Message from the Guest Editor

The accumulation of contaminants in the soil triggers plant responses with a far-reaching impact on animals and humans via the food chain. As a primary reservoir of environmental contaminants, most agricultural soils have witnessed alterations in their physicochemical properties, leading to changes in the soil microbial community, which plays a vital role in nutrient cycling. They also affect key enzymatic activities—dehydrogenase, urease, and phosphatase—which are major bioindicators of soil health. Elucidating the mechanistics underpinning plant and soil responses to contaminants will not only advance our understanding of ecological resilience, but also provide an informed decision and perspective on innovative and sustainable strategies for pollutant remediation via an understanding of activities in the plant–soil–microbial nexus. We invite manuscript submissions on topics related to but not limited to plant responses to environmental stress, plant biology and biochemistry, environmental contaminants and remediation, per- and polyfluoroalkyl substances (PFAS), emerging contaminants, and phytotoxicity, among others.

### Guest Editor

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### Deadline for manuscript submissions

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### Message from the Editor-in-Chief

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#### Editor-in-Chief

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