



The Transfer of Metal(loid)s in Soil–Plant Systems

Guest Editors:

Message from the Guest Editors

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Dear Colleagues,

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Soils may harbor elevated concentrations of metal(loid) micropollutants arising both from natural and/or anthropogenic sources including sewage sludge application, wastewater irrigation, and agrochemical inputs. Cultivating plants for food or fodder on contaminated soils poses the risk of absorption and subsequent transfer to edible parts, potentially endangering human and animal health. Metal accumulation in plant tissues can result from the absorption of metals by root systems and/or from the deposition of airborne metal contaminants onto plant surfaces. The extent of metal(loid) accumulation in plant tissues is highly influenced by a multitude of factors including the physicochemical and biological properties of soils, the elements involved, and the plant species. Submissions should encompass cutting-edge research on the origin, distribution, and behavior of metal(loid)s in soils, including their transfer within the soil–plant system. Emphasis should be given to rhizosphere processes influencing metal transfer, as well as methods for assessing bioavailability and conducting health risk assessments.

Deadline for manuscript
submissions:

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Message from the Editor-in-Chief

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