Special Issue

Aquatic Plants as Bioindicators of Trace Metal Pollution

Message from the Guest Editors

Trace metals are among the hazardous, non-degradable pollutants associated with human activity, and they accumulate in soil, sediment and living organisms, posing a serious threat to the environment and humans. Therefore, addressing the problems of aquatic pollution and monitoring is crucial in view of developing management as well as protection strategies and has become one of the top priorities for sustainable development.

Due to fluctuations in trace metal concentrations in water, aquatic ecosystems are particularly difficult to reliably monitor using physicochemical analyses. Trace metal accumulation in aquatic plants has been frequently studied, providing the basis for the development of numerous methods of bioindication, and various species of aquatic macrophytes are considered good bioindicators.

This special issue aims to discuss new research directions in different aspects of using aquatic plants in the biomonitoring of trace metal levels, fates and impacts on the environment. **Keywords:**

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bioaccumulation
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