

Special Issue

Determination and Extraction of Heavy Metals from Wastewater and Other Complex Matrices

Message from the Guest Editors

Heavy metals in complex matrices, such as wastewater and natural waters with high salinity, present several challenges. The analyses of these elements call for intensive sample pretreatment to avoid interferences of matrix components during the analyses or the need for preconcentration of the analyte. On the other hand, the removal of heavy metals from such matrices calls for the development of task-specific methods and materials that show low interaction with matrix components, such as major ions and organic material, and a high specificity towards the targeted metals. For this Special Issue, contributions are welcome that address the development of new methods for analyses and/or removal of heavy metals from wastewater and other complex matrices.

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As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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