Special Issue

Electroanalytical Trace Metal Quantification and Speciation

Message from the Guest Editors

Electroanalytical devices and methods are well suited for trace metal quantification, especially in the field, due to their low cost, small dimensions, and extremely low detection limits. They also provide the almost unique ability to investigate trace metal speciation, and the phenomena of metal reduction at certain electrodes can be used as models for bioavailability studies. This Special Issue will report on new developments in trace metal quantification and speciation by electroanalytical techniques—namely, new electrode materials, the additive manufacturing of electrodes and electrochemical devices, theoretical and experimental method developments, and new applications to field surveys.

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