



Assessment of Metal and Trace Element Contamination in Soil

Guest Editor:

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Deadline for manuscript
submissions:

closed (30 June 2022)

Message from the Guest Editor

In this Special Issue, contributions covering all elements except typical non-metals are welcome. These should include:

- (1) Environmental monitoring to detect sources of locally enhanced contamination levels, including digestion and determination methods in liquid and solid;
- (2) Characterization of defined metal sources, such as ore formation, mining and smelting, soil excavations from metalliferous areas, waste deposits, sewage and manure, fertilizers, traffic, and atmospheric inputs;
- (3) Environmental mobilities, such as migration in the soil column, leaching to groundwater and erosion, mobile fractions, and dissolution kinetics;
- (4) Transfer to plants and crops, including pot and field experiments to monitor soil-to-plant transfer, in combination with mobile soil fractions, changes of soil microbiology because of contamination, metalliferous vegetation, and accumulation in plants;
- (5) Sanitation and recovery strategies, such as stabilization procedures, soil washing, phytoextraction, and metal recovery from metalliferous plants and waste;
- (6) Setting of thresholds based on risk assessment to enable authorities to take legal action.





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Message from the Editor-in-Chief

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