

Special Issue

Heavy Metals in Forests: Future Research Needs

Message from the Guest Editor

The contents of heavy metals in the various components of forest ecosystems, either remote or urban, was examined in the past in terms (mainly) of concentrations and fluxes. The question that arises now concerns the answers that future research can give to draw conclusions on the fate of heavy metals in forests from both the past and present data. In other words, the questions can be summarized in the followings: Have the reduced deposition rates of metals changed their equilibrium in soils? What is the mobility of the heavy metals in forest soils after decades of residence there? What is the effect of climate change on the heavy metal cycling in forests? Have the mycorrhizal fungi prevented the heavy metal uptake in the last years? Can the increase in temperature affect the binding capacity of organic matter for metals in forest? Can an increase in soil temperature also accelerate the heavy metal weathering in soils where the parent material has a high metal content? We encourage studies from all fields, including experimental studies, forest ecosystem monitoring and models to contribute to this Special Issue in order to predict the fate and the impact of heavy metals in forests.

Guest Editor

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Message from the Editor-in-Chief

Forests (ISSN 1999-4907) is an international and cross-disciplinary, scholarly forestry journal. The distinguished editorial board and refereeing process ensures the highest degree of scientific rigor and review of all published articles. Original research articles and timely reviews are released online, with unlimited free access. Our goal is to have *Forests* be recognized as one of the foremost publication outlets for high quality, leading edge research in this broad and diverse field. We therefore invite you to be one of our authors, and in doing so share your important research findings with the global forestry community.

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