



## Bio-Geo Interactions In Metal-Contaminated Soils

**Author** :Erika Kothe Ajit Varma / **Category** :Science / **Total Pages** : 426 pages

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**Summary** : Free bio-geo interactions in metal-contaminated soils pdf download - metal contamination is an increasing ecological and eco-toxicological risk understanding the processes involved in metal mobilization sorption and mineralization in soils are key features for soil bioremediation following an introduction to the physical chemical and biological components of contaminated soils various chapters address the interactions of soil microorganisms plants and the water phase necessary to transfer metals into biological systems these include topics such as potential hazards at mining sites rare earth elements in biotic and abiotic acidic systems manganese redox reactions biomineralisation uranium in seepage water metal-resistant streptomyces mycorrhiza in re-forestation metal hyper accumulation in plants microbial metal uptake and their potential for bioremediation this book will be of interest to soil biologists geologists and chemists researchers and graduate students as well as consulting companies and small enterprises involved in bioremediation

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