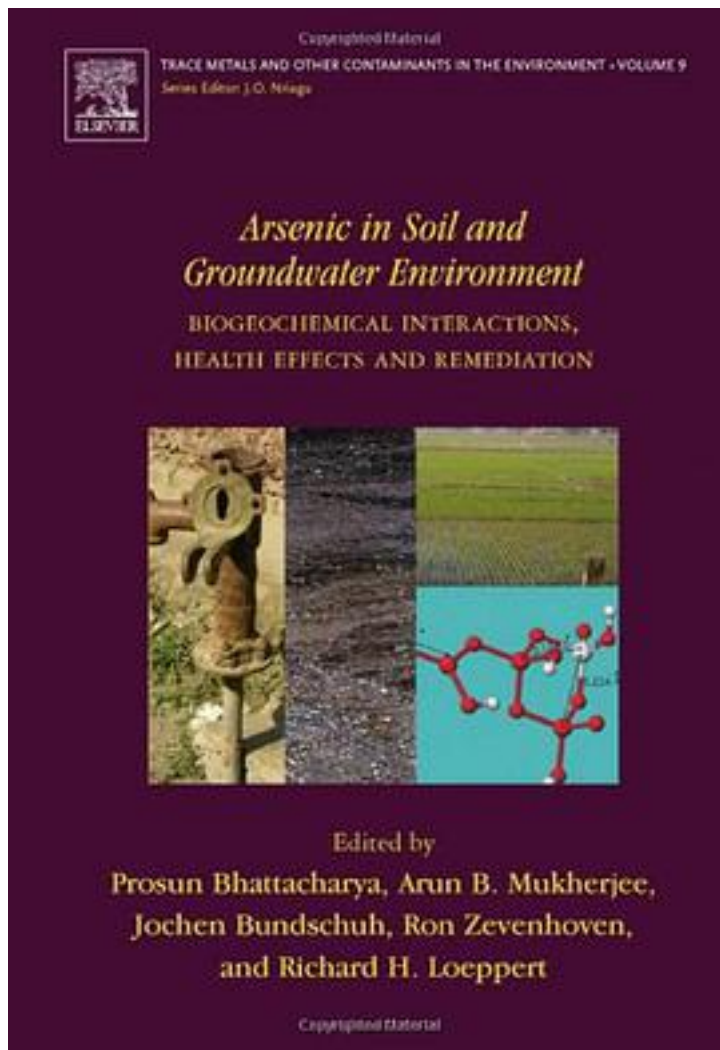


Arsenic in Soil and Groundwater Environment, Volume 9



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在线阅读本书

This volume presents the recent developments in the field of arsenic in soil and groundwater. Arranged into nine sections, the text emphasizes the global occurrences of arsenic in the environment, particularly on its source, pathways, behavior, and effects it has on soils, plants, water, animals, and humans. It also covers the diverse issues of arsenic in the mining environment, arsenic emanating from hydrothermal springs, and the geochemical modeling of arsenic adsorption to oxide surfaces. Finally, the text includes different cost effective removal mechanisms of arsenic from drinking water using natural red earth, solar oxidation, and arsenic oxidation by ferrate.

Written in simple English, and few technical terms, the book is designed to create interest within the countries with occurrences of arsenic in drinking water with

- an update the current status of knowledge on the dynamics of natural arsenic from the aquifers through groundwater to food chain and efficient techniques for arsenic removal.
- serve as a standard text book for graduate, postgraduate students and researchers in the field of Environmental Sciences and Hydrogeochemistry as well as researchers, environmental scientists and chemists, toxicologists, medical scientists and even for general public seeking an in-depth view of arsenic which had been classed as a carcinogen.
- bring awareness, among administrators, policy makers and company executives, on the problem and to improve the international cooperation

作者介绍:

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