

Groundwater Arsenic Remediation

Arsenic abatement from groundwater in locations with a central water distribution system is relatively simple. The real challenge is selecting the most effective and affordable treatment and scale up option for locations which lack the appropriate infrastructure. Groundwater Arsenic Remediation: Treatment Technology and Scale UP provides the latest breakthrough groundwater treatment technologies and modelling and simulation methods for project scale up and eventually field deployment in locations which lack the proper central water distribution system to ensure arsenic free groundwater.

- Covers the different removal methods such as: chemical, adsorption, separation by membranes, and membrane distillation
- Includes the state-of-the-art modelling & simulation methods for optimization and field deployment
- Provides economic and comparative analysis of each arsenic treatment technology

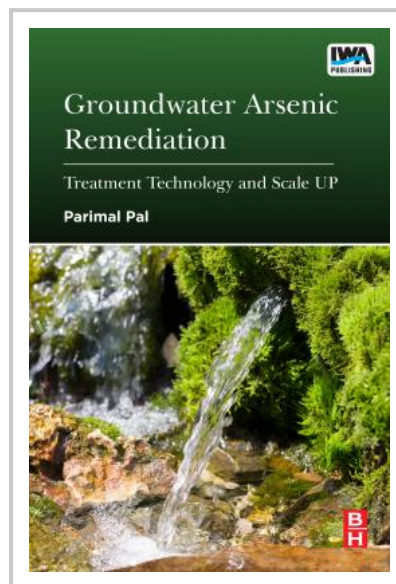
Groundwater Arsenic Remediation is a valuable resource for Environmental Engineers, Civil Engineers, Environmental Engineering Technicians and Civil Engineering Technicians

Contents

Introduction, Occurrence, causes and effects of arsenic contamination, Arsenic Removal by chemical methods, Arsenic Removal by adsorption, Arsenic separation by membranes, Arsenic removal by membrane distillation, Sustainable Management Issues in arsenic abatement

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Co-Published with Elsevier/Butterworth Heinemann



Publication Date: 15/07/2015

ISBN13: 9781780406725

Pages: 368

Print:

Standard price: £75 / €94 / \$113

Member price: £56 / €70 / \$84

eBook:

Standard price: £75 / €94 / \$113

Member price: £56 / €70 / \$84