

Arsenic contamination has become a global phenomenon. With the development of advanced technological detection tools, more geographical areas seem to be affected by this problem than envisaged before. The group of people most affected, are those falling in the poor socio-economic bracket of the society. Development of viable mitigation strategies needs understanding of this problem by a larger section of the scientific community in different parts of the world. Their experiences and research findings will help the policy makers and administrators to develop strategies to control this calamity especially in developing countries. The research articles in this book are contributed by scientists actively engaged in research in areas severely affected by the problem. The articles are related to the occurrence of arsenic in groundwater, the mobility constraints, water-sediment interactions, various other related themes concerning aqueous geochemistry of arsenic in sedimentary and hard rock aquifers and other natural environmental systems around the world, assessment of environmental health risks and economic impacts, and the arsenic removal technologies.

Written in simple English and with relatively few technical terms, the book is designed to:

- create interest within the countries which are affected by arseniferous aquifers;
- update the current status of knowledge on the dynamics of natural arsenic from the aquifers through groundwater to food chain;
- explain efficient techniques for arsenic removal;
- inform administrators, policy makers and company executives and to increase awareness of the problem of natural arsenic occurrences to a wide spectrum of international readers.

Natural Arsenic in Groundwater

by *J. Bundschuh, P. Bhattacharya & D. Chandrasekharam*

ISBN 04 1536 700 X, 2005, hardbound, 356 pages

Price £ 65.00 (approx. EUR 99.00 / approx. US\$ 109.00)

Table of contents

Preface

List of Contributors

Section 1:

Arsenic occurrence and genesis in sedimentary and hard-rock aquifers

Section 2:

Environmental health assessment-arsenic in the food chain

Section 3:

Arsenic biogeochemistry in groundwater

Section 4:

Remediation of arsenic-rich groundwaters

Section 5:

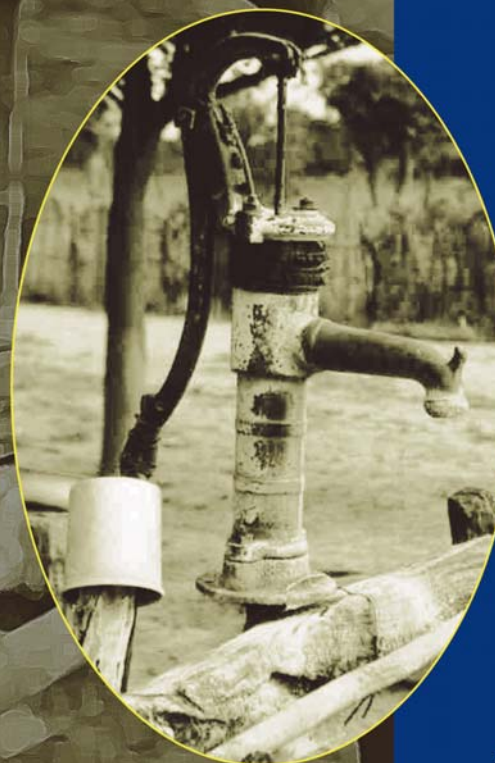
Management of arsenic-rich groundwaters

Author index

**JUST
PUBLISHED !**

Natural Arsenic in Groundwater

*Occurrence,
Remediation
and Management*



Edited by

J. Bundschuh

P. Bhattacharya

D. Chandrasekharam

