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ISBN	0-429-06524-8 0-203-09322-4
Descrizione fisica	1 online resource (228 p.)
Collana	Arsenic in the environment ; ; 4
Altri autori (Persone)	MatschullatJorg DeschampsEleonora
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Soggetti	Arsenic - Environmental aspects Arsenic in the body Electronic books.
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Note generali	A Balkema book.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	8. Project philosophy, history and development9. Environment and health perception; Section III: From air, water and soil to the human body; 10. Dust sampling and interpretation; 11. Surface water; 12. Soils and sediments; 13. Arsenic in edible and bioaccumulating plants; 14. Human biomonitoring; Section IV: Solutions and outlook - meeting the challenges; 15. Environmental and health education; 16. Water treatment - A local example; 17. Mitigation measures and solutions; Section V: Annex; Books published in this book series
Sommario/riassunto	Arsenic in the environment has been studied in many, mostly unrelated works dealing with very specific individual aspects. This book provides an interdisciplinary and comprehensive examination into Arsenic's behaviour in air, water, soils and sediments, plants and the human body. Based on state-of-the-art investigations into the global arsenic cycle, the related human toxicology and available remediation technologies, it assesses arsenic in all the environmental compartments. Using the results of primary research, the authors offer concrete suggestions for risk reduction and management of environmental pollution that allow the reader to successfully tackle similar problems and find sustainable solutions.The book consists of

three parts: 1. review of the current knowledge of Arsenic behaviour in the environment (global biogeochemical cycles), toxicology, remediation techniques, immobilization technologies and environmental legislation; 2. Case studies for mining-related arsenic problems; 3. Discussion of mitigation and remediation technologies and approaches such as environmental education, hygiene training, backed by real experience and successful implementation in the region--