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Autore	Rosenberg Samuel J (Samuel Jacob), <1900->
Titolo	Nickel and its alloys / / Samuel J. Rosenberg
Pubbl/distr/stampa	[Washington] : , : U.S. Dept. of Commerce, National Bureau of Standards; for sale by the Supt. of Docs., U.S. Govt. Print. Off., , 1968
Edizione	[[Revision.]
Descrizione fisica	1 online resource (iv, 156 pages) : illustrations
Collana	NBS monograph ; ; 106
Disciplina	669.7/33
Soggetti	Nickel alloys Nickel
Lingua di pubblicazione	Inglese
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Titolo	Arsenic : environmental geochemistry, mineralogy, and microbiology / / editors, Robert J. Bowell, SRK Consulting, Cardiff, United Kingdom [and four others]
Pubbl/distr/stampa	Virginia : , : De Gruyter, , 2015
ISBN	1-5231-0043-5 1-61451-797-5
Descrizione fisica	1 online resource (668 p.)
Collana	Reviews in mineralogy and geochemistry ; ; Volume 79
Disciplina	549
Soggetti	Environmental geochemistry Arsenic Mineralogy Arsenic - Environmental aspects Geochemistry
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Front matter -- FROM THE SERIES EDITOR. PREFACE / Rosso, Jodi J. / Bowell, R.J. / Alpers, C.N. / Jamieson, H.E. / Nordstrom, D.K. / Majzlan, J. -- TABLE OF CONTENTS -- 1. The Environmental Geochemistry of Arsenic: An Overview / Bowell, Robert J. / Alpers, Charles N. / Jamieson, Heather E. / Nordstrom, D. Kirk / Majzlan, Juraj -- 2. Parageneses and Crystal Chemistry of Arsenic Minerals / Majzlan, Juraj / Drahota, Petr / Filippi, Michal -- 3. Arsenic Speciation and Sorption in Natural Environments / Campbell, Kate M. / Nordstrom, D. Kirk -- 4. Thermodynamic Properties for Arsenic Minerals and Aqueous Species / Nordstrom, D. Kirk / Majzlan, Juraj / Königsberger, Erich -- 5. Arsenic Speciation in Solids Using X-ray Absorption Spectroscopy / Foster, Andrea L. / Kim, Christopher S. -- 6. Measuring Arsenic Speciation in Environmental Media: Sampling, Preservation, and Analysis / Leybourne, Matthew I. / Johannesson, Karen H. / Asfaw, Alemayehu -- 7. Microbial Arsenic Metabolism and Reaction Energetics / Amend, Jan P. / Saltikov, Chad / Lu, Guang-Sin / Hernandez, Jaime -- 8. Health Risks Associated with Chronic Exposures to Arsenic in the Environment

	/ Mitchell, Valerie L. -- 9. Using In Vivo Bioavailability and/or In Vitro Gastrointestinal Bioaccessibility Testing to Adjust Human Exposure to Arsenic from Soil Ingestion / Basta, Nicholas T. / Juhasz, Albert -- 10. The Characterization of Arsenic in Mine Waste / Craw, Dave / Bowell, Robert J. -- 11. The Management of Arsenic in the Mining Industry / Bowell, Robert J. / Craw, Dave -- 12. The Legacy of Arsenic Contamination from Mining and Processing Refractory Gold Ore at Giant Mine, Yellowknife, Northwest Territories, Canada / Jamieson, Heather E. -- 13. Arsenic Associated with Historical Gold Mining in the Sierra Nevada Foothills: Case Study and Field Trip Guide for Empire Mine State Historic Park, California / Alpers, Charles N. / Myers, Perry A. / Millsap, Daniel / Regnier, Tamsen Burlak -- 14. Hydrogeochemistry of the Tsumeb Deposit: Implications for Arsenate Mineral Stability / Bowell, Robert J. -- Index of Minerals
Sommario/riassunto	Environmental Mineralogy and Bio-Geochemistry of Arsenic provides a comprehensive understanding of arsenic geochemistry in the near-surface environment. Topics covered include the mineralogy, thermodynamics, geochemistry, analysis, microbiology, and bioavailability of arsenic, with emphasis on implications for arsenic toxicity, geochemistry in natural ground waters, and mine-associated impacts and possible mitigation options. This volume is useful for those seeking to understand arsenic geochemistry and biological interactions in the near-surface environment, Clay Minerals does not use an online manuscript tracking/submission system. as well those working for mining companies, the chemicals industry, NGO's or government bodies concerned with reducing the impact of arsenic on the environment.