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Descrizione fisica	1 online resource (106 pages)
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Sommario/riassunto	Arsenic Monitoring, Removal and Remediation discusses methods for determining arsenic levels in the environment and removing arsenic pollution. Chapters in the first section comment on the principal methods for arsenic determination in environmental samples with emphasis on sample pretreatment, extraction, separation, and method validation techniques for speciation analysis. Attention is paid to the electrochemical methods for arsenic quantification as an alternative to the commonly used techniques and to the potential of the differential alternative pulses voltammetry for arsenic determination in the presence of interferences. Chapters in the second section highlight the benefits of using adsorption for arsenic species removal and suggest remedial approaches against arsenic pollution, including bioremediation, along with traditional techniques.