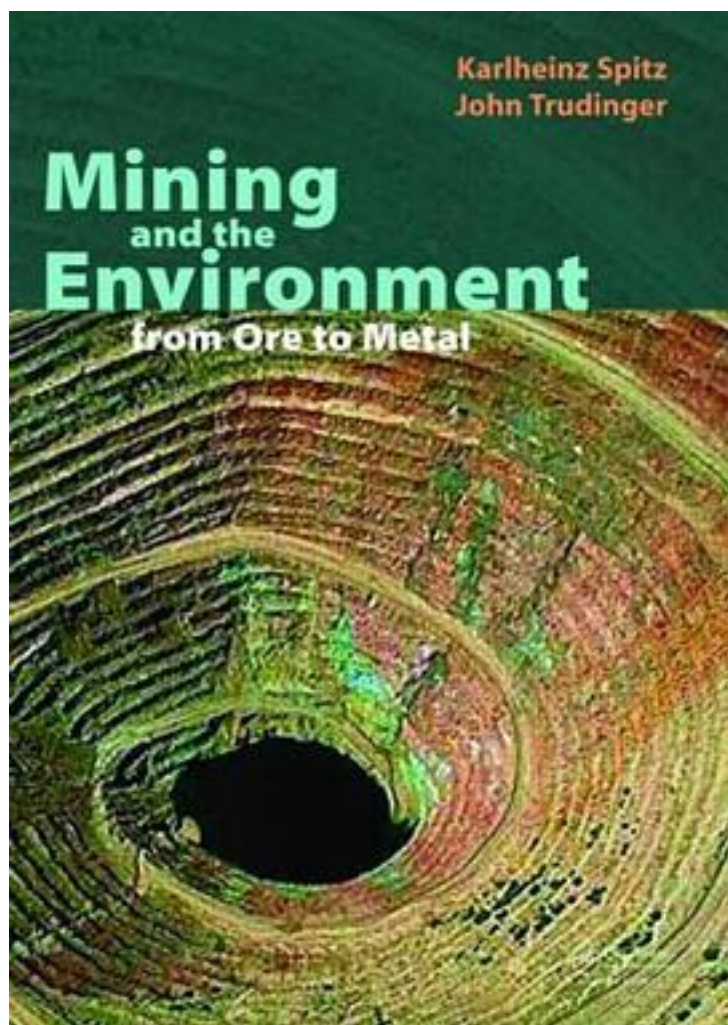


Mining and the Environment



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The history of mining is replete with controversy, much of it relating to environmental

damage and consequent community outrage. Over recent decades there has been increasing pressure to improve the environmental and social performance of mining operations, particularly in developing countries. The industry has responded by embracing the ideals of corporate social responsibility. This book identifies and discusses the wide range of social and environmental issues pertaining to mining, with particular reference to mining in developing countries from where many of the project examples and case studies have been selected. Following an introductory overview of the issues of concern, the book illustrates how environmental impact assessment as defined in "The Equator Principles", integrates with the mining lifecycle, and how environmental assessment aims to eliminate the negative and to accentuate the positive mining impacts. The text illustrates the wide range of environmental and social concerns and opportunities. Practical approaches are provided to manage issues ranging from land acquisition and resettlement or indigenous peoples issues, through the technical aspects of acid rock drainage and mine waste management, to a thorough analysis of ways and means of sharing mining benefits with host communities so that these benefits are not transitory, allowing mining to become a sustainable economic activity. The wide coverage of issues raised illustrated by many real-life case studies, makes this practice-oriented book a reference and key reading for operators in the field, as well as for environmental consultants, regulators, and students. This book will also be of interest to environmental personnel in the oil and gas industry as much of the subject matter applies to the extractive industries as a whole.

作者介绍:

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