

1. Record Nr.	UNINA9910810771603321
Titolo	Responsible mining : case studies in managing social and environmental risks in the developed world // edited by Michelle E. Jarvie-Eggart
Pubbl/distr/stampa	Englewood, Colorado : , : Society for Mining Metallurgy and Exploration (SME), , 2015 ©2015
ISBN	1-5231-3819-X 0-87335-374-9
Descrizione fisica	1 online resource (806 p.)
Disciplina	622.028/6
Soggetti	Mineral industries - Environmental aspects Mineral industries - Social aspects
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	""Cover""; ""Title Page""; ""Copyright""; ""Contents""; ""Preface""; ""Part I: Managing Social, Economic, and Environmental Risks""; ""Chapter 1: The International Council on Mining and Metals: Sustainable Development Framework""; ""Chapter 2: The Global Reporting Initiative: Sustainability Reporting for the Mining and Metals Sector""; ""Chapter 3: Managing Business Sustainability in the Australian Mining Industry""; ""Chapter 4: The Mining Association of Canadaa€?s Towards Sustainable Mining Program""; ""Part II: Stakeholder Engagement and Participation"" ""Chapter 5: Indigenous Engagement in a Vocational Educational Training Program in Australia""""Chapter 6: Building Trust""; ""Chapter 7: Evaluating the Science of Environmental Assessments with Aboriginal Groups""; ""Part III: Biodiversity and Conservation Management""; ""Chapter 8: Joint Land Management Project in the Northern Yilgarn, Western Australia""; ""Chapter 9: Spider Conservation and Mining""; ""Chapter 10: Biodiversity Management and Mining in the San Bernardino Mountains""; ""Part IV: Climate Changes, Energy, and Greenhouse Gas Management"" ""Chapter 11: Climate Change for Mine Planning""""Chapter 12:

Molycorpa€?s Project Phoenixa€?Water and Reagent Recycling with Clean Power"; ""Chapter 13: Geothermal Energy Recovery from Closed Underground Mines"; ""Chapter 14: Optimal Mine Site Energy Supply"; ""Part V: Mine Water Management"; ""Chapter 15: Responsible Mine Water Management: Water and Mass Balance Modeling, and Creative Mine Water Management Solutions"; ""Chapter 16: Mine Water Treatment Techniques and the Application of Vacuum Membrane Distillation""  
""Chapter 17: Integrating Pit Lakes into Water Basin Planning: The Meirama Brown Coal Mine""""Part VI: Tailings and Waste Rock"; ""Chapter 18: Responsible Tailings Disposal at Minnesota Taconite Mines"; ""Chapter 19: Responsible Management of Acid Mine Wastes: Geochemical and Microbiological Resources"; ""Part VII: Reclamation, Closure, and Land-Use Planning"; ""Chapter 20: Global Implications and Challenges of Evolving Mine Closure Requirements in Western Australia"; ""Chapter 21: Identifying Natural and Novel Ecosystem Goals for Rehabilitation of Postmining Landscapes""  
""Chapter 22: After the Gold Rush: Developing Closure Criteria for a Mined Landscape""""Chapter 23: Best Practices for Forest Restoration When Reclaiming Surface Coal Mines"; ""Chapter 24: Responsible Land and Resource Management in Northeastern Minnesota"; ""Chapter 25: Adaptive Environmental Management Plans and Practices"; ""Part VIII: Crisis Management"; ""Chapter 26: Mine Disaster Crisis Management from the Operational and Legal Perspectives"; ""Index"; ""Back Cover""

---

## Sommario/riassunto

Mining Can Be Environmentally and Socially Responsible-and Still Profitable Even in this regulated, environmentally aware world, running a mine can be done safely, with combined goals of maximizing both the return on investment from extraction and the positive environmental and social impact that a well-run, responsible mine can offer. Responsible Mining is your comprehensive guide to addressing social and environmental risks at mines in the developed world. This book gathers case studies of best practices across the full range of issues. With examples from four continents, you can learn from

---