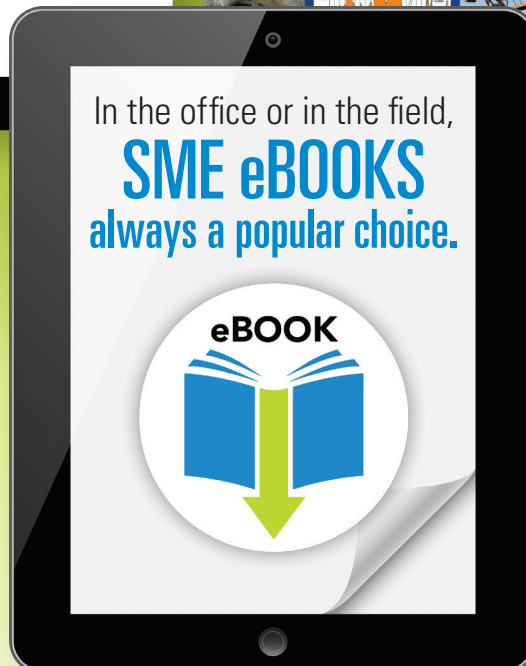
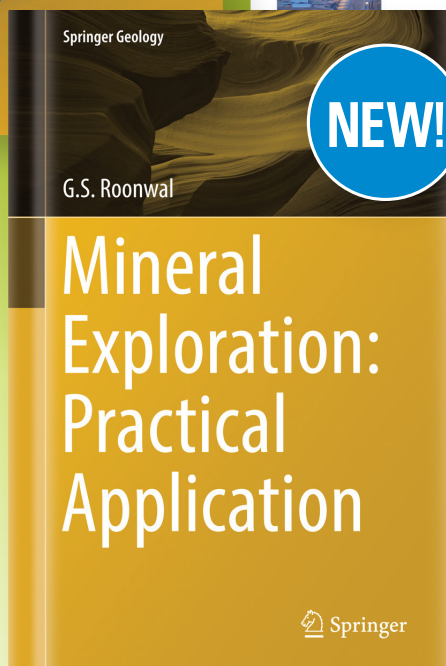
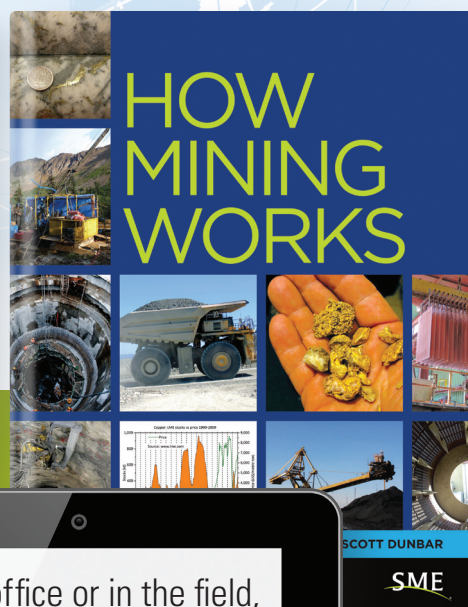
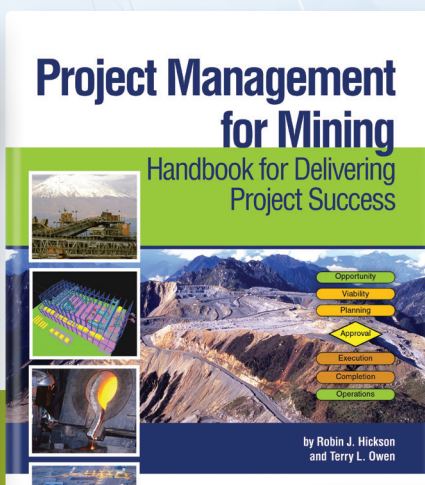
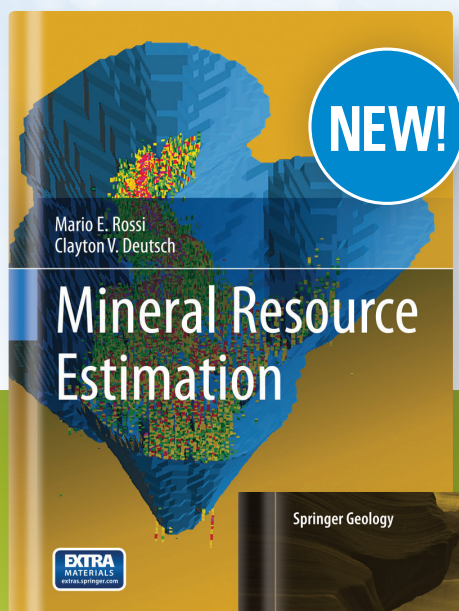
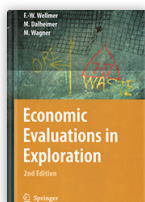


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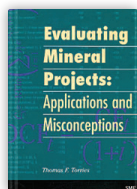
Economic Evaluations in Exploration is ideal for the economic geologist who deals with the evaluation of deposits at an early stage of development. It offers rules for quick-and-easy calculations based on the application of approximate data. It provides a complete set of rules and methods to enable performance of a quick initial evaluation of the deposit without the support of specialists or computers. All rules for calculations are illustrated with examples, mistakes, and pitfalls the authors encountered during their careers. The case histories, exercises, metal prices and terminology, especially concerning reserves and resources, have been fully updated in this second edition.

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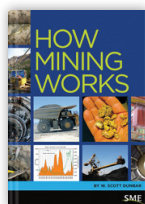
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Mining waste, labor practices, environmental sustainability, and worker and community health and safety are covered. A discussion follows on mineral economics, with detailed information on how mine products are priced, monetary arrangements between mines and smelters and even the impact of reserves on mining's future. The book ends with a visionary yet practical look at the future of mining.

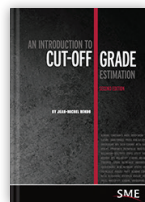
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This second edition is easier to read and of greater practical interest to practitioners. The relationship between optimization of net present value, capacity constraints, and opportunity cost is explained in greater detail. A new section discusses blending strategies, which play a critical role in an increasing number of mining operations.

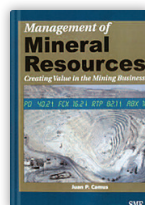
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By Juan P. Camus

The mining industry's strategy for coping with low profitability has primarily focused on controlling production costs. Despite mechanization, automation, and other technical improvements, mining's aggregate profitability still falls far short of that realized by most industries. Author Juan Camus contends that additional technical knowledge is not required, but rather, the implementation of sound management practices that utilize the existing knowledge base more productively.

Management of Mineral Resources explores mining management—the process of generating plans and supervising their implementation. This book is concerned with the analysis of some of the internal, controllable factors that influence mining production effectiveness. It combines the best thinking in mining and management, allowing practitioners to devise concrete strategies for generating maximum shareholder value.

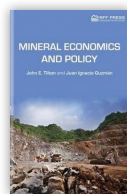
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Mineral Economics and Policy

By John E. Tilton and Juan Ignacio Guzmán

This book provides an introduction to the field of mineral economics and its use in understanding the behavior of mineral commodity markets and in assessing both public and corporate policies in this important economic sector. The focus is on metal and non-metallic commodities rather than oil, coal, and other energy commodities.

The work draws on John Tilton's teaching experience over the last 30 years at the Colorado School of Mines and the Catholic University of Chile, as well as short courses for Rio Tinto and other mining companies. This is combined with the professional consulting and academic research of Juan Ignacio Guzmán over the past decade, in order to demonstrate the industry application of the economic principles described in the earlier chapters.

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Mineral Exploration: Practical Application

By G.S. Roonwal

Mineral Exploration covers mineral exploration, mine evaluation, and resource assessment of a discovered mineral deposit. It helps readers understand the important concepts needed when searching for mineral deposits and understanding the chances of success. The book discusses the fundamentals of mineral resources composition, the formation of rock and mineral deposits, and the attempt to search for ore deposits. It includes details on how to conduct surveys and evaluations to arrive at a decision to open and/or carry out further exploration in an operating mine.

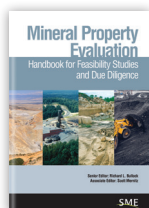
The book offers a reference for policy makers and private investors in mining. It will be of great interest to professionals and students alike in both the geology and mining communities.

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Mineral Property Evaluation: Handbook for Studies and Due Diligence

Edited by Richard L. Bullock and Scott Mernitz

Less than 30% of the projects that are developed in the minerals industry yield the return on investment that was projected from the project feasibility studies. The tools described in this handbook will greatly improve the probability of meeting your projections

and minimizing project execution capital cost blowout that has become so prevalent in this industry in recent years.

Mineral Property Evaluation provides guidelines to follow in performing mineral property feasibility and evaluation studies and due diligence, and in preparing proper documents for bankable presentations. It highlights the need for a consistent, systematic methodology in performing evaluation and feasibility work.

The objective of a feasibility and evaluation study should be to assess the value of the undeveloped or developed mineral property and to convey these findings to the company that is considering applying technical and physical changes to bring the property into production of a mineral product. The analysis needs to determine the net present worth returned to the company for investing in these changes and to reach that decision point as early as possible and with the least amount of money spent on the evaluation study.

All resources are not reserves, nor are all minerals an ore. The successful conclusion of any property evaluation depends on the development, work, and conclusions of the project team.

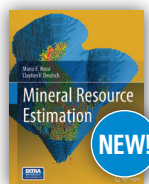
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Mineral Resource Estimation

By Mario E. Rossi and Clayton V. Deutsch

This comprehensive text covers the modern practice of mineral resource estimation, a field that has changed considerably in the past 25 years. Geostatistical techniques have become commonplace and continue to evolve; computational horsepower

has revolutionized all facets of numerical modeling; mining and processing operations are often larger; and uncertainty quantification is becoming standard practice.

Mineral Resource Estimation is about resource modeling. It discusses both theory and practice in sufficient detail for both practitioners and students. It avoids strict theoretical presentations, and focuses on practical adaptations that result in good resource estimation practices. As a bonus, case studies are included.

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By Ian C. Runge

Economic skill is just as important as technical skill in every step of the mining process. *Mining Economics and Strategy* will help you effectively direct mining operations through the use of innovative economic tactics.

The text covers what a cost-effective mining scheme means, the economics of information, and the procedures for rational evaluation of uncertain projects. It defines "ore" from an economic perspective and covers the influence of scheduling on ore reserves.

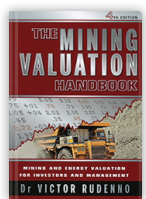
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By Victor Rudenko

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Project Management for Mining: Handbook for Delivering Project Success

By Robin J. Hickson and Terry L. Owen

Opening a successful new mine is a vastly complex undertaking entailing several years and millions to billions of dollars. In today's world, when environmental and labor policies, regulatory compliance, and impact on the community must be factored in, you cannot afford to make a mistake. Written by two hands-on, in-the-trenches mining project managers with decades of experience who bring some of the world's most successful, profitable mines into operation on time, within budget, and ethically, *Project Management for Mining* gives you step-by-step instructions in every process you are likely to encounter.

Beginning with a discussion of mining ethics and governance, this clearly written handbook walks you through all the project management steps—defining the scope, performing prefeasibility and feasibility studies, gaining societal acceptance, minimizing the impact and risks, creating workable schedules and budgets, setting in place the project execution plan, assembling the human resources, hiring the contractors, and establishing project controls—and then on into the delivery of the engineering and design, construction, progress reviews, pre-launch commissioning, and ramping up for operation.

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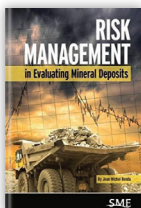
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Risk Management in Evaluating Mineral Deposits

By Jean-Michel Rendu

Mining is not for the fainthearted. Yes, the rewards are enormous. But so are the risks—and consequences—of failure. *Risk Management in Evaluating Mineral Deposits* walks you through the many-faceted risk evaluation you need to conduct before you invest your hard-earned dollars.

Written by a mining professional with a strong background in technical and financial studies, risk assessment, and statistics, this book provides a detailed suite of tools so you can determine whether investing in a mining project makes sense for you. Looking at a host of issues—the composition of the ore deposit, the management's previous record, the quality of the information at hand, and your own risk-tolerance comfort level, to name a few—author Jean-Michel Rendu provides a comprehensive guide to determine when to invest with high confidence, when to demand a plan that reduces the risks and increases the chances of a positive outcome, and when to just walk away.

This book will have relevance for many years. Unlike others, Rendu factors in not just financial but environmental and social factors to evaluate the triple bottom line. He shows you why your project needs a different evaluator for each of these three legs and how to combine their evaluations to make one decision. As more and more government agencies and communities insist on these types of metrics, this focus will help keep you up to date in a rapidly changing world and increase the possibility that your investment will generate profits even in this complex, uncertain, and time-constrained industry.

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