1. Record Nr. UNINA9910619469303321 Autore Dong Longjun **Titolo** Mining Safety and Sustainability I MDPI - Multidisciplinary Digital Publishing Institute, 2022 Pubbl/distr/stampa **ISBN** 3-0365-4688-X Descrizione fisica 1 electronic resource (348 p.) Soggetti Technology: general issues History of engineering & technology Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Safety and sustainability are becoming ever bigger challenges for the Sommario/riassunto mining industry with the increasing depth of mining. It is of great significance to reduce the disaster risk of mining accidents, enhance the safety of mining operations, and improve the efficiency and sustainability of development of mineral resource. This book provides a platform to present new research and recent advances in the safety and sustainability of mining. More specifically, Mining Safety and Sustainability presents recent theoretical and experimental studies with a focus on safety mining, green mining, intelligent mining and mines, sustainable development, risk management of mines, ecological restoration of mines, mining methods and technologies, and damage monitoring and prediction. It will be further helpful to provide theoretical support and technical support for guiding the normative.

green, safe, and sustainable development of the mining industry.