

1. Record Nr.	UNINA9910729781303321
Titolo	3D/4D Geological Modeling for Mineral Exploration // edited by Gongwen Wang, Lizhen Cheng, Nan Li
Pubbl/distr/stampa	Hershey, PA : , : IGI Global, , 2023 ©2023
Descrizione fisica	1 online resource (242 pages)
Disciplina	550.113
Soggetti	Geological modeling
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Sommario/riassunto	With the development of high-precision geological observation technology, in situ mineral microanalysis technology, isotope geochemical analysis technology, deep geophysical exploration technology, deep drilling, real-time mining, remote sensing highresolution hyperspectral image technology, and supercomputer and industrial intelligence, geoscience has entered an era of big data and artificial intelligence in the 21st century. Three-dimensional/four-dimensional (3D/4D) geoscience modeling with the multi-disciplinary intersection of geosciences has been used as the basis for mineral exploration and the extraction of geosciences information for mineral resource assessment.