Record Nr. UNINA9910720076003321 The Phanerozoic Geology and Natural Resources of Egypt / / edited by **Titolo** Zakaria Hamimi, Hassan Khozyem, Thierry Adatte, Fadi H. Nader, Francisca Oboh-Ikuenobe, Mohamed K. Zobaa, Haytham El Atfy Cham:,: Springer International Publishing:,: Imprint: Springer,, Pubbl/distr/stampa **ISBN** 3-030-95637-7 Edizione [1st ed. 2023.] Descrizione fisica 1 online resource (748 pages) Collana Advances in Science, Technology & Innovation, IEREK Interdisciplinary Series for Sustainable Development, , 2522-8722 550 Disciplina 556.2 Soggetti Geology Petrology Paleontology Earth sciences Earth Sciences Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Nota di bibliografia Includes bibliographical references. Overall paleogeographic and geodynamic evolution -- Major Nota di contenuto Groundwater reservoirs in Egypt -- Western Desert Petroleum sources and reservoirs -- Nile Delta Petroleum sources and reservoirs -- Gulf of Suez and Red Sea Petroleum sources and reservoirs -- Off-shore Mediterranean discoveries -- Petroleum Source Rocks of Egypt – An Integrated Palynological and Organic Geochemical Approach: Spatiotemporal studies within the Phanerozoic of Egypt -- Carbonate platform deposits and hydrocarbon potentiality -- Hydrocarbon seepage during the Messinian salinity crisis -- Rare Earth Element in Egypt -- Phanerozoic Stratabound/Stratiform Ore Deposits of Egypt. The Phanerozoic Geology and Natural Resources of Egypt includes a Sommario/riassunto series of chapters written by highly qualified group of researchers whose expertise is recognized and appreciated not only in Egypt, but

also in the world over. The chapters span a wide range of geological subdisciplines including tectonics, paleogeography, stratigraphy,

sedimentology, paleontology, groundwater, and energy resources, just to name a few. In this regard, the book provides the reader with ample knowledge about the different facets of the fascinating and always intriguing geology of Egypt since the Precambrian time. For a junior researcher or a geoscience student, the book is a comprehensive, multidisciplinary one-stop resource that they will continue to reference and rely on for years to come. For a more experienced scientist, the book summarizes the current state of knowledge, highlights the magnitude of complexity of the geology of Egypt and northeast Africa, and reveals potential areas where future research should be directed. The book is written in simple, easy to understand English language and contains very useful high-quality illustrations. Last but not least, The Phanerozoic Geology and Natural Resources of Egypt has been reviewed and edited by world class, highly ranked geoscientists from Egypt, Europe, and USA.