1. Record Nr. UNINA9910814842903321 Autore Selley Richard C. <1939-> Titolo Applied sedimentology [[electronic resource] /] / Richard C. Selley San Diego, : Academic Press, c2000 Pubbl/distr/stampa **ISBN** 1-281-03852-0 9786611038526 0-08-052747-7 Edizione [2nd ed.] Descrizione fisica 1 online resource (543 p.) Disciplina 552/.5 Soggetti Sedimentology Sediments (Geology) Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Description based upon print version of record. Note generali Nota di bibliografia Includes bibliographical references and index. Front Cover; Applied Sedimentology; Copyright Page; Contents; Preface; Nota di contenuto Chapter 1. Introduction; 1.1 Introduction and Historical Review; 1.2 Sedimentology and the Earth Sciences: 1.3 Applied Sedimentology: Selected Bibliography; References; Part I: Rock to Sediment; Chapter 2. Weathering and the Sedimentary Cycle; 2.1 Introduction; 2.2 The Sedimentary Cycle; 2.3 Weathering; Selected Bibliography; References; Chapter 3. Particles, Pores, and Permeability; 3.1 Physical Properties of Particles: 3.2 Porosity and Permeability: Selected Bibliography: References: Part II: Sediment Sedimented Chapter 4. Transportation and Sedimentation 4.1 Introduction; 4.2 Aqueous Processes: 4.3 Eolian Processes: 4.4 Glacial Processes: 4.5 Gravitational Processes; Selected Bibliography; References; Chapter 5. Sedimentary Structures; 5.1 Introduction; 5.2 Biogenic Sedimentary Structures; 5.3 Primary Inorganic Sedimentary Structures; 5.4 Paleocurrent Analysis; Selected Bibliography; References; Chapter 6. Depositional Systems; 6.1 Sedimentary Environments; 6.2 Sedimentary Facies; 6.3 Sedimentary Models; 6.4 Sedimentary Models, Increments, and Cycles; Selected Bibliography; References Part III: Sediment to RockChapter 7. The Subsurface Environment; 7.1

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"This is a completely revised edition of Applied Sedimentology, first published in 1988. Like its precursor, it describes sediments from sand grains to sedimentary basins. Applied Sedimentology is written principally for senior undergraduate and postgraduate students of earth science and engineering. It may also, however, prove useful to more mature readers who explore and exploit the sedimentary rocks for fossil fuels and mineral deposits."--BOOK JACKET.