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Nota di contenuto

Section 1: Atmospheric Sciences, Meteorology, Climatology, Oceanography -- Section 2: Biogeochemistry, Geobiology, Geoecology, Geoagronomy -- Section 3: Environmental Earth Sciences and Geohazards -- Section 4: Hydrology, Hydrochemistry, Hydrogeology.

Sommario/riassunto

This book is based on the papers accepted for presentation during the 3rd Springer Conference of the Arabian Journal of Geosciences (CAJG-3). The book is of interest to all researchers in the fields of geomorphology, sedimentology, and geochemistry. Papers in the field of geomorphology deal with topics related to fault slip and incision rates, soil science, landslides and debris flows, coastal processes, and geoarcheology and geoheritage. Papers in the field of sedimentology cover research studies in stratigraphy and environmental, tectonic, and diagenetic processes, together with studies focusing on the evolutionary, biostratigraphic, and paleo-environmental significance of paleontology. This section also contains papers on marine geosciences, from molecular proxies related to climate to geophysical surveys. The third set of papers focuses on studies related to geochemistry that are focused on sedimentary geochemistry and mineralogical characterization, magmatic and metamorphic processes and products, and the origin and exploration of mineral deposits. This book resumes the current situation related to the abovementioned topics mainly in the Mediterranean realm and its surroundings. The book is of interest to all researchers, practitioners, and students in the fields of geomorphology, sedimentology, and geochemistry.
