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Autore	Kallel Amjad
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Altri autori (Persone)	BarbieriMaurizio Rodrigo-CominoJesus ChaminéHelder I MerkelBroder ChenchouniHaroun KnightJasper PandaSandeep KhélifiNabil BenimAli Cemal
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Sommario/riassunto

This book gives a general overview on current research focusing on geoenvironmental issues and challenges in hydrogeosciences in the Middle East and Mediterranean region and surrounding areas. The book is based on the accepted papers for oral/poster presentations at the 3rd Springer Conference of the Arabian Journal of Geosciences (CAJG-3). Studies discuss the latest advances in geoenvironmental and hydrogeosciences from diverse backgrounds including climate change, geoecology, biogeochemistry, water resources management, and environmental monitoring and assessment. It shares insights on how the understanding of ecological, climatological, oceanic, and hydrological processes is the key for improving practices in environment management. It is of interest to scientists, engineers, practitioners, and policymakers in the field of environmental sciences including climatology, oceanography, ecology, biogeochemistry, environmental management, hydrology, hydrogeology, and geosciences in general. In particular, this book is of great value to students and environment-related professionals for further investigations on the state of earth systems.