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Autore	Çiner Attila
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Altri autori (Persone)	ErgülerZeynal Abiddin BezzeghoudMourad UstunerMustafa EshaghMehdi El-AskaryHesham BiswasArkoprovo GasperiniLuca HinzenKlaus-Günter KarakusMurat
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Sommario/riassunto

This edited book is based on the accepted papers for presentation at the 1st MedGU Annual Meeting, Istanbul, 2021. With five parts spanning a large spectrum of geological, geotechnical, and geophysical topics, this book presents a series of newest research studies that are nowadays relevant to Middle East, Mediterranean region, and Africa. The book includes the latest research studies on seismic hazard and risk assessment, earthquake geodesy, seismotectonics, archaeoseismology and active faulting, well logging methods, geodesy and exploration/theoretical geophysics, geological engineering, geotechnical engineering and geoenvironment, geo-informatics, remote sensing and geohazards, basement architecture and potential data, and numerical and analytical methods in mining sciences and geomechanics.