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Soggetti	Geophysics Structural geology Natural disasters Atmospheric sciences Environmental monitoring Geophysics and Environmental Physics Geophysics/Geodesy Structural Geology Natural Hazards Atmospheric Sciences Monitoring/Environmental Analysis
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Nota di contenuto	Trigger effects in geospheres. Cause, monitoring and forecasting -- Earthquake triggering. -- Laboratory and numerical modeling -- Structure and properties of fault zones -- Different regimes of fault sliding -- Links to seismicity -- Dynamic processes in mining and oil-gas recovery -- Geophysical fields -- Active impacts on the ionosphere and the magnetosphere -- Electrical and optical transient events in the atmosphere -- The ionospheric response to catastrophic events.
Sommario/riassunto	This book is the result of collaboration within the frames of the 5th International Conference "Trigger Effects in Geosystems" held in the

Institute of Geosphere Dynamics of Russian Academy of Sciences, June 2019. This book aims to raise awareness about different triggering aspects in the geosphere and its effects. The conference provided a multidisciplinary platform with a focus on (i) the influence of natural and anthropogenic factors on the geosphere, geomechanical systems and anthropogenic objects found in a subcritical state and (ii) the influence of these factors on the system “atmosphere - ionosphere”. The problems considered in the book may be interesting for a wide audience including students, professionals, researches, and for the industry.

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