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Nota di contenuto	An overview of the 2016 Mw 7.1 Kumamoto Earthquake -- Tectonic setting -- Deformation features of coseismic surface rupture -- Structural features of coseismic surface rupture -- Trenching investigations on seismogenic faults -- Destruction of buildings and houses related to coseismic surface rupturing.
Sommario/riassunto	This book shows the deformation characteristics of coseismic surface ruptures produced by the 2016 Kumamoto earthquake and the relationship between the Aso volcano and active faults. In particular, the rupturing mechanisms and processes involved in the seismogenic faults related to the crustal structure under the Aso volcano caldera are covered. The book is intended to help bridge the gaps between seismology, seismic disaster prevention, volcanology, seismotectonics, and geology and to encourage further studies of earthquake mechanisms and seismic faulting processes.