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Nota di contenuto	Advances in Understanding Elements of the Sun—Earth Links -- Some Basic Aspects of the Solar Wind -- The Solar Spectrum in the UV, EUV, and X Ranges: Observations, Modelling, and E.ects on the Earth Upper Atmosphere in the Frame of Space Weather -- Earth Radiation Belts -- Radio Emissions from the Sun and the Interplanetary Medium -- The Sun, The Earth, and the Space Weather.
Sommario/riassunto	This book comprises an excursion through space weather, a scientific topic in rapid growth and with growing impact and complications for technological societies. The emphasis of the present volume is on the origins of space weather: the Sun and the solar mind. Very much as the Sun`s electromagnetic radiation drives the Earth climate, our space weather is driven by the solar wind. This book addresses students and scientists working, or interested in, the field and provides a thorough introduction to the topic for those who wish to become acquainted with the basic solar physics at the origin of space weather.