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Nota di contenuto	1. Access to Space, Access to the Moon - Two Sides of the Same Coin? -- 2. The Evolution of the Moon's Orbit Over 100 Million Years and Prospects for the Research in the Moon -- 3. Regolith and Radiation: The Cosmic Battle -- 4. Modeling Radiation Damage in Materials Relevant for Exploration and Settlement on the Moon -- 5. Educational and Scientific Analog Space Missions.
Sommario/riassunto	There are still many open scientific questions about the moon, including whether humans will one day be able to live there. This book looks at the history of the moon's orbit and the prospects of in situ lunar science, the radiation impact on the lunar surface, the resistance of settlement materials on the moon under the conditions of protecting humans on-site, and the preparation of humans for space missions.