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Descrizione fisica	1 online resource (XXIV, 429 p. 407 illus. in color.)
Disciplina	520
Soggetti	Astronomy Genetic engineering Biomedical engineering Space sciences Aerospace engineering Astronautics Popular Science in Astronomy Genetic Engineering Biomedical Engineering and Bioengineering Space Sciences (including Extraterrestrial Physics, Space Exploration and Astronautics) Aerospace Technology and Astronautics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Introduction -- Prologue: from Sputnik to the Internation Space Station -- Satellite Geodesy -- Researches on the atmosphere -- Ionospheric research with satellites -- Researches on the Earth's Magnetosphere -- Meteorological Satellites -- The study of micro-meteorites and cosmic dust -- Earth remote sensing -- Cartography and mapping from space -- Oceanography from space -- Bibliography -- Index.
Sommario/riassunto	This unique book presents a historical and philatelic survey of Earth exploration from space. It covers all areas of research in which artificial satellites have contributed in designing a new image of our planet and its environment: the atmosphere and ionosphere, the magnetic field, radiation belts and the magnetosphere, weather, remote sensing,

mapping of the surface, observation of the oceans and marine environments, geodesy, and the study of life and ecological systems. Stamping the Earth from Space presents the results obtained with the thousands of satellites launched by the two former superpowers, the Soviet Union and the United States, and also those of the many missions carried out by the ESA, individual European countries, Japan, China, India, and the many emerging space nations. Beautifully illustrated, it contains almost 1100 color reproductions of philatelic items. In addition to topical stamps and thematic postal documents, the book provides an extensive review of astrophilatelic items. The most important space missions are documented through event covers and cards canceled at launch sites, tracking stations, research laboratories, and mission control facilities.
