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| Autore | Lorenz Ralph D |
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| Soggetti | Astronomy<br>Astrophysics<br>Geotechnical engineering<br>Astronomy, Astrophysics and Cosmology<br>Geotechnical Engineering & Applied Earth Sciences<br>Popular Science in Astronomy<br>Earth (Planet) Surface<br>Mars (Planet) Surface<br>Titan (Satellite)<br>Venus (Planet) Surface<br>Triton (Satellite)<br>Io (Satellite) Surface<br>Solar system |
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| Note generali | Description based upon print version of record. |
| Nota di bibliografia | Includes bibliographical references and index. |
| Nota di contenuto | Dune Physics -- Dune Trafficability – soil mechanics, effects on mobility on Earth, Mars and elsewhere -- Earth -- Mars -- Titan -- Elsewhere -- Field Studies - Overview -- Laboratory Studies -- Computer Models -- Conclusions. |
| Sommario/riassunto | Four major developments in dune research have occurred in recent years. Following the discovery of dunes on Saturn’s moon, Titan, a whole new dimension has been added to aeolian studies. The vast amounts of data now coming in from Mars bring a new perspective to |

the abundant dunes on that planet. In the last decade, radar methods and high-resolution imaging have revolutionized the global observation of Earth’s dunes. New instrumentation has improved field study capabilities, and powerful computational tools have opened new methods of simulating dune formation and evolution. Lavishly illustrated with over 300 photographs and figures, many in color, Dune Worlds covers all these developments to provide a unique and comprehensive overview of dunes, how we study them, and how they relate to their planetary environments. Lavishly illustrated with over 300 photographs and figures, many in color, Dune Worlds covers all these developments to provide a unique and comprehensive overview of dunes, how we study them, and how they relate to their planetary environments. .