

1. Record Nr.	UNINA9910784340603321
Autore	Carr M. H (Michael H.)
Titolo	The surface of Mars / / Michael H. Carr [[electronic resource]]
Pubbl/distr/stampa	Cambridge : , : Cambridge University Press, , 2006
ISBN	1-107-17198-9 1-280-75074-X 9786610750740 0-511-26985-4 0-511-27041-0 0-511-26816-5 0-511-53600-3 0-511-32021-3 0-511-26883-1
Descrizione fisica	1 online resource (xiv, 307 pages) : digital, PDF file(s)
Collana	Cambridge planetary science ; ; new ser., 6
Disciplina	559.9/23
Soggetti	Mars (Planet) Surface
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from publisher's bibliographic system (viewed on 05 Oct 2015).
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Overview -- Impact craters -- Volcanism -- Global structure and tectonics -- Canyons -- Channels, valleys, and gullies -- Lakes and oceans -- Ice -- Wind -- Poles -- The view from the surface -- Climate change -- Implications for life -- Summary.
Sommario/riassunto	Our knowledge of Mars has grown enormously over the last decade as a result of the Mars Global Surveyor, Mars Odyssey, Mars Express, and the two Mars Rover missions. This book is a systematic summary of what we have learnt about the geological evolution of Mars as a result of these missions. It describes the diverse Martian surface features and summarizes current ideas as to how, when, and under what conditions they formed, and explores how Earth and Mars differ and why the two planets evolved so differently. The author also discusses possible implications of the geologic history for the origin and survival of indigenous Martian life. Up-to-date and highly illustrated, this book will be a principal reference for researchers and graduate students in

planetary science. The comprehensive list of references will also assist readers in pursuing further information on the subject. Colour images can be found at www.cambridge.org/9780521872010.
