1. Record Nr. UNISA996418449003316 Autore Byrne Charles J. <1935-> Titolo Travels with curiosity: exploring mars by rover / / Charles J. Byrne Pubbl/distr/stampa Cham, Switzerland:,: Springer,, [2020] ©2020 **ISBN** 3-030-53805-2 Edizione [1st ed. 2020.] 1 online resource (XIV, 217 p. 181 illus., 138 illus. in color.) Descrizione fisica Disciplina 523.43 Soggetti Astronomy Planetary science Space sciences Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Includes index. Nota di contenuto Preface -- Acknowledgements -- Chapters 1-12 -- Glossary --Appendix A -- Index. Sommario/riassunto The Mars Curiosity Rover is the most sophisticated mobile laboratory ever deployed on a planet. For over seven years, scores of investigators have planned its daily route and activities, poring over the overwhelming images and data and revising our understanding of planetary surfaces, geology, and potential habitability. This book takes readers right down to the surface of Mars, chronicling Curiosity's physical and scientific journey across the planet's Earth-like, yet strikingly alien vistas. Through dozens of images and descriptive accounts of the surface, you will gain a deeper knowledge of the Martian landscape, from the floor of Gale Crater up to the cliffs of Mount Sharp. Presented at the end of each chapter are the results and revelations from the science team spearheading the mission. Like any cross-country road trip, the rover has hit some unexpected hitches along the way. The book describes the obstacles faced by the rover and

its scientists over the years and the difficult decisions and careful

experimentation it took to solve them. .