

1. Record Nr.	UNINA9910449839703321
Titolo	Preventing the forward contamination of Mars [[electronic resource] /] / Committee on Preventing the Forward Contamination of Mars, Space Studies Board, Division on Engineering and Physical Sciences, National Research Council
Pubbl/distr/stampa	Washington, D.C., : National Academies Press, 2006
ISBN	1-280-44720-6 9786610447206 0-309-65262-6
Descrizione fisica	1 online resource (166 p.)
Disciplina	523.43
Soggetti	Space flight to Mars Space microbiology Microbial contamination - Prevention Electronic books. Mars (Planet) Exploration
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	""Front Matter""; ""Preface""; ""Acknowledgment of Reviewers""; ""Contents""; ""Executive Summary""; ""1 Introduction""; ""2 Policies and Practices in Planetary Protection""; ""3 Future Mars Exploration: The Rolling Wave""; ""4 Environments on Mars Relative to Life""; ""5 Expanding Our Knowledge of the Limits of Life on Earth""; ""6 Advances in Technologies for Life Detection and Bioburden Reduction""; ""7 Assessing Nonliving Contaminants of Concern""; ""8 A Path Forward for Planetary Protection in the 21st Century""; ""9 Transition Process and Time Line""; ""Appendixes"" ""A Biographical Sketches of Committee Members and Staff"" ""B Recommendations from Two Previous NRC Reports on Forward Contamination""; ""C Summary of Procedures Currently Used to Assess Bioburden in Spacecraft Assembly Clean Rooms and on Spacecraft""; ""D History of Recommended Values for Probability of Growth""; ""E Approaches to Bioburden Reduction for Lander Missions to Mars""; ""F

Ambiguities in Geomorphic Interpretation: Martian Gullies"; "G
Spacecraft Propellant and By-Products as Potential Contaminants"; "H
Acronyms and Abbreviations"
