

1. Record Nr.	UNINA9910808358603321
Titolo	Assessment of planetary protection requirements for spacecraft missions to icy solar system bodies / / Committee on Planetary Protection Standards for Icy Bodies in the Outer Solar System Space Studies Board, Division on Engineering and Physical Sciences, National Research Council of the National Academies
Pubbl/distr/stampa	Washington, D.C., : National Academies Press, c2012
ISBN	0-309-25678-X 1-283-63614-X 0-309-25676-3
Edizione	[1st ed.]
Descrizione fisica	1 online resource (95 p.)
Disciplina	616.980214
Soggetti	Planets - Exploration Planets - Exploration - Protection Planets - Water Microbial metabolism Microorganisms - Physiology Outer space Exploration Outer space Exploration Protection
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""; ""Contents""; ""Summary""; ""1 Current Status of Planetary Protection Policies for Icy Bodies""; ""2 Binary Decision Trees""; ""3 Hierarchical Decisions for Planetary Protection""; ""4 A Geophysical Perspective and Inventory of Habitable Environments on Icy Bodies""; ""5 Microbial Metabolism and Physiology""; ""6 Necessary Research""; ""Appendices""; ""Appendix A: Letter Requesting This Study""; ""Appendix B: Current and Prospective Missions to Icy Bodies of Astrobiological Interest"" ""Appendix C: Event Sequence Diagram for the Determination of Planetary Protection Measures for Missions to Icy Bodies""""Appendix D: Committee and Staff Biographical Information""; ""Appendix E: Glossary and Abbreviations""

