

1. Record Nr.	UNINA9910811612303321
Titolo	Assessment of the usefulness and availability of NASA's earth and space science mission data // Task Group on the Usefulness and Availability of NASA's Space Mission Data, Space Studies Board, Division on Engineering and Physical Sciences, Board on Earth Science and Resources, Division on Earth and Life Studies, National Research Council
Pubbl/distr/stampa	Washington, D.C., : National Academy Press, c2002
Edizione	[1st ed.]
Descrizione fisica	1 online resource (112 p.)
Disciplina	621.3678
Soggetti	Earth sciences - Data processing Space sciences - Data processing Remote sensing - Data processing
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di contenuto	<p>""Assessment of the Usefulness and Availability of NASA's Earth and Space Science Mission Data""; ""Copyright""; ""Preface""; ""Acknowledgment of Reviewers""; ""Contents""; ""Executive Summary""; ""AVAILABILITY AND USEFULNESS OF NASA'S SPACE MISSION DATA""; ""MANAGEMENT OF DATA WITHIN NASA""; ""INVESTMENTS IN SOFTWARE AND DATA ANALYSIS""; ""LONG-TERM MAINTENANCE OF DATA""; ""FEDERATED DATA SYSTEMS""; ""EARTH SCIENCES DATA SYSTEM""; ""USERS OF NASA DATA""; ""STRATEGIES FOR MEETING THE REQUIREMENTS OF THE RESEARCH COMMUNITY""; ""1 NASA: A Knowledge Agency""; ""INTRODUCTION""</p> <p>""SPACE SCIENCE ENTERPRISE"" ""Astrophysics: Origins and the Structure and Evolution of the Universe""; ""The Sun-Earth Connection""; ""Solar System Exploration""; ""EARTH SCIENCE ENTERPRISE""; ""THE CHANGING PARADIGM FOR NASA""; ""2 Accessibility of Data: The Architecture of the Archives""; ""SPACE SCIENCE DATA SYSTEMS""; ""Astrophysics Data Systems""; ""Planetary Data Systems""; ""Solar and Space Physics Data Systems""; ""Solar Data Analysis Center""; ""Space Plasma Physics""; ""EARTH OBSERVING SYSTEM DATA AND INFORMATION SYSTEM"";</p>

""STRATEGIC EVOLUTION OF ESE DATA SYSTEMS""

""LONG-TERM MAINTENANCE OF DATA""""Space Science Data and the National Space Science Data Center""; ""Earth Science Data""; ""Conclusions""; ""3 The Users of NASA Data""; ""USER PROFILE""; ""AVAILABILITY OF EARTH AND SPACE SCIENCE DATA""; ""SCIENTIFIC COMMUNITY USERS""; ""NONSCIENTIST USERS""; ""Education Community""; ""Formal Education""; ""Informal Education""; ""Usefulness of Data to the Education Community""; ""Online Outreach""; ""News Media""; ""Commercial Users and Decision Makers""; ""CONCLUSIONS""; ""4 Strategies for Managing Earth andSpace Science Data""

""A COMPREHENSIVE APPROACH TO INFORMATION MANAGEMENT"""" ISSUES OF BALANCE: ACQUISITION, ANALYSIS, AND ARCHIVING""; ""Data Analysis Funding""; ""Timeliness of Data Analysis""; ""FEDERATED DATABASES""; ""The National Virtual Observatory""; ""Planetary Data System""; ""Federation of Earth Science Information Partners""; ""ELEMENTS OF EFFECTIVE DATA MANAGEMENT""; ""Appendixes""; ""Appendix A Letter of Request""; ""Appendix B The Data Life Cycle""; ""Appendix C Questionnaire to the Active Archives, Data Centers,and Data Services""

""Information Requested from the Space Science and Earth Science Facilities""""Additional Information Requested of the Space Science Active Facilities""; ""Additional Information Requested of the Distributed Active Archive Centers""; ""Appendix D Biographies of Task Group Members""; ""Appendix E Meeting Agendas""; ""Appendix F Acronyms""
