

1. Record Nr.	UNINA9910965802303321
Titolo	Down to earth : geographic information for sustainable development in Africa // Committee on the Geographic Foundation for Agenda 21, Committee on Geography, Mapping Science Committee, Board on Earth Sciences and Resources, Division on Earth and Life Studies, National Research Council of the National Academies
Pubbl/distr/stampa	Washington, D.C., : National Academy Press, c2002
ISBN	9786610183487 9780309169257 0309169259 9781280183485 1280183489 9780309500210 0309500214
Edizione	[1st ed.]
Descrizione fisica	1 online resource (169 p.)
Disciplina	338.96/07
Soggetti	Sustainable development - Africa Africa Economic conditions
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Front Matter -- Acknowledgments -- Preface -- Contents -- Executive Summary -- 1 Introduction -- 2 Agenda 21 Implementation: Progress, Challenges, and the Role of Geographic Data -- 3 Geographic Information Activities in Africa -- 4 Facilitating the Use of Geographic Data: Spatial Data and Telecommunications Infrastructures -- 5 Geographic Data for Sustainable Development I: Framework Data -- 6 Geographic Data for Sustainable Development II: Other Thematic Data -- 7 GIS-Based Decision-Support Systems in Africa -- 8 Building Capacity to Apply Geographic Information to Sustainable Development in Africa -- 9 Lessons Learned and Recommendations -- A Biographical Sketches of Committee Members -- B Oral and Written Contributors -- C FGDC Statement -- D Acronyms -- E Glossary.
Sommario/riassunto	In 1992, world leaders adopted Agenda 21, the work program of the

1992 U.N. Conference on Environment and Development. This landmark event provided a political foundation and action items to facilitate the global transition toward sustainable development. The international community marked the tenth anniversary of this conference in Johannesburg, South Africa, in August 2002. Down to Earth , a component of the U.S. State Department's "Geographic Information for Sustainable Development" project for the World Summit, focuses on sub-Saharan Africa with examples drawn from case-study regions where the U.S. Agency for International Development and other agencies have broad experience. Although African countries are the geographic focus of the study, the report has broader applicability. Down to Earth summarizes the importance and applicability of geographic data for sustainable development and draws on experiences in African countries to examine how future sources and applications of geographic data could provide reliable support to decision-makers as they work towards sustainable development. The committee emphasizes the potential of new technologies, such as satellite remote-sensing systems and geographic information systems, that have revolutionized data collection and analysis over the last decade.
