

1. Record Nr.	UNINA9910956999203321
Titolo	Open access and the public domain in digital data and information for science : proceedings of an international symposium // Julie M. Esanu and Paul F. Uhler, editors ; U.S. National Committee for CODATA, Board on International Scientific Organizations, Policy and Global Affairs Division ; National Research Council
Pubbl/distr/stampa	Washington, D.C., : National Academies Press, c2004
ISBN	0-309-18214-X 1-280-20912-7 9786610209125 0-309-53007-5
Edizione	[1st ed.]
Descrizione fisica	1 online resource (195 p.)
Altri autori (Persone)	EsanuJulie M UhlerP. F <1954-> (Paul F.)
Disciplina	507/.2
Soggetti	Communication in science Information technology - Government policy
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di contenuto	FrontMatter -- Preface -- Acknowledgments -- Contents -- INTRODUCTION -- 1 Welcome by CODATA President --Shuichi Iwata -- 2 Introduction by Symposium Chair--M. G. K. Menon -- 3 UNESCO's Approach to Open-Access and Public-Domain Information--Koïchiro Matsuura -- 4 Science Communication and Public Policy--David Dickson -- SESSION 1: LEGAL, ECONOMIC, AND TECHNOLOGICAL FRAMEWORK FOR OPEN ACCESS AND THE PUBLIC DOMAIN IN DIGITAL DATA AND INFORMATION FOR SCIENCE -- 5 Introductory Remarks by Session Chair--Elizabeth Longworth -- 6 Overview of Legal Aspects in the European Union--Thomas Dreier -- 7 Database Protection in Countries of the South--Alan Story -- 8 Economic Overview of Open Access and the Public Domain in Digital Scientific and Technical Information--Robin Cowan -- 9 Scientific Research, Information Flows, and the Impact of Database Protection on Developing Countries--Clemente Forero-Pineda -- 10 Information Technology and Data in the

Context of Developing Countries--Chrisanthi Avgerou -- SESSION 2: DATA AND INFORMATION IN THE PUBLIC HEALTH SECTOR -- 11 Introductory Remarks by Session Chair--Dialo Diop -- 12 The Ptolemy Project: Delivering Electronic Health Information in East Africa--Massey Beveridge -- 13 Health Information for Disaster Preparedness in Latin America--Jean Luc Poncelet -- 14 Bioline International and the Journal of Postgraduate Medicine: A Collaborative Model of Open-Access Publishing--D. K. Sahu and Leslie Chan -- SESSION 3: DATA AND INFORMATION IN THE ENVIRONMENTAL SECTOR -- 15 Introductory Remarks by Session Chair--Farouk El-Baz -- 16 Geospatial Information for Development--Mukund Rao -- 17 Borders in Cyberspace: Conflicting Government Information Policies and Their Economic Impacts--Peter Weiss -- 18 Recent Developments in Environmental Data Access Policies in the Peoples' Republic of China--Liu Chuang. SESSION 4: BASIC SCIENCES AND HIGHER EDUCATION -- 19 Introductory Remarks by Session Chair--Lulama Makhubela -- 20 Information Needs for Basic Research: An African Perspective--Andrew M. Kaniki -- 21 International Transfer of Information in the Physical Sciences--R. Stephen Berry -- 22 Access to Scientific Information: The Ukrainian Research and Academic Network--Mikhail Zgurovsky -- SESSION 5: INNOVATIVE MODELS FOR PUBLIC-DOMAIN PRODUCTION OF AND OPEN ACCESS TO SCIENTIFIC AND TECHNICAL DATA AND INFORMATION -- 23 Introductory Remarks by Session Chair--Dominique Foray -- 24 A Contractually Reconstructed Research Commons for Scientific Data: International Considerations--Jerome Reichman and Paul Uhler -- 25 The Open-Source Paradigm and the Production of Scientific Information: A Future Vision and Implications for Developing Countries--Charles M. Schweik, J. Morgan Grove, and Tom P. Evans -- 26 New and Changing Scientific Publication Practices Due to Open-Access Publication Initiatives--Erik Sandewall -- 27 Overview of Open-Access and Public-Commons Initiatives in the United States--Harlan Onsrud -- SESSION 6: EXAMPLES OF NEW INITIATIVES IN DEVELOPING COUNTRIES -- 28 Introductory Remarks by Session Chair--Alexei Gvishiani -- 29 Overview of Initiatives in the Developing World--Sarah Durrant -- 30 Open-Source Geographic Information Systems Software: Myths and Realities--Gilberto Câmara and Harlan Onsrud -- 31 Open-Access Research and the Public Domain in South African Universities: The Public Knowledge Project's Open Journal Systems--Sal Muthayan -- 32 The Public Knowledge Project's Open Journal Systems--Florence Muinde -- 33 Metadata Clearinghouse and Open Access to Geographic Data in Namibia--Ndaendelao (Emma) Noongo and Nico Willems -- 34 Open-Access Initiatives in India--T. B. Rajashekar -- 35 Closing Remarks--M. G. K. Menon -- APPENDIXES. Appendix A--International Symposium on Open Access and the Public Domain in Digital Data and Information for Science -- Appendix B--Biographical Summaries of Symposium Speakers and Steering Committee Members -- Appendix C--Symposium Attendees -- Appendix D--Acronyms and Initialisms.

Sommario/riassunto

This symposium, which was held on March 10-11, 2003, at UNESCO headquarters in Paris, brought together policy experts and managers from the government and academic sectors in both developed and developing countries to (1) describe the role, value, and limits that the public domain and open access to digital data and information have in the context of international research; (2) identify and analyze the various legal, economic, and technological pressures on the public domain in digital data and information, and their potential effects on international research; and (3) review the existing and proposed approaches for preserving and promoting the public domain and open

access to scientific and technical data and information on a global basis, with particular attention to the needs of developing countries.
