

The world of open data

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Note sur le contenu : Intro; Foreword: The Policy View; Foreword: The Science View; Foreword: The Industry View; Preface; Motivation; Aimed Contribution; Organization; Chapter 1: The Open Data Landscape; Chapter 2: The Multiple Life Cycles of Open Data Creation and Use; Chapter 3: Open Data Directives and Policies; Chapter 4: Organizational Issues: How to Open up Government Data?; Chapter 5: Open Data Interoperability; Chapter 6: Open Data Infrastructures; Chapter 7: Open Data Value and Business Models; Chapter 8: Open Data Evaluation Models: Theory and Practice Chapter 9: Open Government Data: Areas and Directions for ResearchAs a Conclusion; Acknowledgements; Contents; Chapter 1: The Open Data Landscape; 1.1 Creating a New World of Open Data; 1.2 Historical Developments; 1.3 Objectives of Open Data; 1.4 The Stakeholder Landscape; 1.5 Open Data and Big Data: A World Apart?; 1.6 Benefits of Open Data; 1.7 The Dark Side of Open Data; 1.8 Developments; Chapter 2: The Multiple Life Cycles of Open Data Creation and Use; 2.1 Introduction; 2.2 New Requirements for Open Data Provision and Usage; 2.2.1 Linked Data; 2.2.2 Big Data; 2.2.3 Web 2.0 2.2.4 Models Describing the Data Life Cycle2.3 The Open Data Life Cycle: An Ecosystem Approach; 2.4 Different Uses of the Open Data Life Cycle; 2.4.1 Towards Publication: The Data Publisher's Side; 2.4.2 Towards Big Data Re-use: The Users' Side; 2.4.3 Preparing a Scientific Data Infrastructure: Research

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Résumé ou extrait : La 4e de couv. indique : "This book discusses the latest developments in the field of open data. The opening of data by public organizations has the potential to improve the public sector, inspire business innovation, and establish transparency. With this potential comes unique challenges; these developments impact the operation of governments as well as their relationship with private sector enterprises and society. Changes at the technical, organizational, managerial, and political level are taking place, which, in turn, impact policy-making and traditional institutional structures. This book contributes to the systematic analysis and publication of cutting-edge methods, tools, and approaches for more efficient data sharing policies, practices, and further research. Topics discussed include an introduction to open data, the open data landscape, the open data life cycle, open data policies, organizational issues, interoperability, infrastructure, business models, open data portal evaluation, and research directions, best practices, and guidelines. Written to address different perspectives, this book will be of equal interest to students and researchers, ICT industry staff, practitioners, policy makers and public servants."

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