1. Record Nr. UNINA9910483678703321

Titolo	Handbook of big geospatial data / / Martin Werner, Yao-Yi Chiang, editors
Pubbl/distr/stampa	Cham, Switzerland : , : Springer, , [2021] ©2021
ISBN	3-030-55462-7
Edizione	[1st ed. 2021.]
Descrizione fisica	1 online resource (XI, 641 p. 222 illus., 148 illus. in color.)
Disciplina	005.7
Soggetti	Geospatial data - Computer processing Big data Dades geoespacials Dades massives Llibres electrònics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	I Introduction -- II Spatial Big Data Platforms & Infrastructures -- III Spatial Data Acquisition -- IV Indexing and Retrieval of Spatial Big Data -- V Scalable Algorithms for Spatial Analytics -- VI Data Mining, Machine Learning and Artificial Intelligence -- VII Visualization & Interaction -- VIII Applications.
Sommario/riassunto	This handbook covers a wide range of topics related to the collection, processing, analysis, and use of geospatial data in their various forms. This handbook provides an overview of how spatial computing technologies for big data can be organized and implemented to solve real-world problems. Diverse subdomains ranging from indoor mapping and navigation over trajectory computing to earth observation from space, are also present in this handbook. It combines fundamental contributions focusing on spatio-textual analysis, uncertain databases, and spatial statistics with application examples such as road network detection or colocation detection using GPUs. In summary, this handbook gives an essential introduction and overview of the rich field of spatial information science and big geospatial data. It introduces three different perspectives, which together define the

	field of big geospatial data: a societal, governmental, and governance perspective. It discusses questions of how the acquisition, distribution and exploitation of big geospatial data must be organized both on the scale of companies and countries. A second perspective is a theory-oriented set of contributions on arbitrary spatial data with contributions introducing into the exciting field of spatial statistics or into uncertain databases. A third perspective is taking a very practical perspective to big geospatial data, ranging from chapters that describe how big geospatial data infrastructures can be implemented and how specific applications can be implemented on top of big geospatial data. This would include for example, research in historic map data, road network extraction, damage estimation from remote sensing imagery, or the analysis of spatio-textual collections and social media. This multi-disciplinary approach makes the book unique. This handbook can be used as a reference for undergraduate students, graduate students and researchers focused on big geospatial data. Professionals can use this book, as well as practitioners facing big collections of geospatial data.

2.	Record Nr.	UNISA996207302103316
	Titolo	International journal of biomedical science : IJBS
	Pubbl/distr/stampa	Monterey Park, CA, : Master Pub. Group, 2005-
	ISSN	1555-2810
	Disciplina	610
	Soggetti	Medical sciences Medicine Periodical Periodicals.
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Periodico
	Note generali	Refereed/Peer-reviewed Title from banner (publisher's Web site viewed on Oct. 11, 2005).

3. Record Nr. UNINA9910833000003321

Titolo	Handbook Transdisciplinary Learning / / ed. by Thorsten Philipp, Tobias Schmohl
Pubbl/distr/stampa	Bielefeld : , : transcript Verlag, , [2023] ©2023
ISBN	9783839463475 3839463475
Descrizione fisica	1 online resource (428 p.)
Collana	Hochschulbildung: Lehre und Forschung ; ; 6
Disciplina	370
Soggetti	EDUCATION / Organizations & Institutions
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Frontmatter -- Editorial -- Content -- Preface -- Embracing the Rhizome: Transdisciplinary Learning for Innovative Problem Solving -- Boundary Work -- Case Study -- Citizen Science -- Cooperative Education -- Critical Thinking -- Data Literacy -- Design Thinking -- Education for Sustainable Development -- Embodied Learning -- Engaged Learning -- Entrepreneurship Education -- Experiment -- Fab Lab -- Feedback Literacy -- Global Citizenship Education -- Hackathon -- Indigenous Knowledge -- Interdisciplinarity -- Internship -- Knowledge Transfer -- Learning in Transformation -- Living Lab -- Mode 2 -- Participatory Action Research -- Performative Knowledge -- Personal Sustainability -- Real-World Lab -- Research Integrity -- Research-Based Education -- Science Communication -- Science Shop -- Scientific Knowledge -- Scrum -- Storytelling -- Student-Organized Teaching -- Transdisciplinarity -- Transformative Learning -- Authors -- Reviewers
Sommario/riassunto	What is transdisciplinarity - and what are its methods? How does a living lab work? What is the purpose of citizen science, student-organized teaching and cooperative education? This handbook unpacks key terms and concepts to describe the range of transdisciplinary learning in the context of academic education. Transdisciplinary learning turns out to be a comprehensive innovation process in response to the major global challenges such as climate change,

urbanization or migration. A reference work for students, lecturers, scientists, and anyone wanting to understand the profound changes in higher education.