1. Record Nr. UNINA9910954807103321

Titolo	Ecological data : design, management, and processing / / edited by William K. Michener and James W. Brunt
Pubbl/distr/stampa	Oxford ; ; Malden, MA, : Blackwell Science, 2000
ISBN	9786612117633 9781444311396 1444311395 9781282117631 1282117637 9780632060719 0632060719
Edizione	[1st ed.]
Descrizione fisica	1 online resource (194 p.)
Collana	Methods in ecology
Altri autori (Persone)	MichenerWilliam K BruntJames W
Disciplina	577 577/.0285
Soggetti	Ecology - Data processing Ecology - Methodology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	This work resulted from two workshops and a working group.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Ecological Data: Design, Management and Processing; Contents; Contributors; The Methods in Ecology Series; Preface; Acknowledgements; CHAPTER 1 Research Design: Translating Ideas to Data; CHAPTER 2 Data Management Principles, Implementation and Administration; CHAPTER 3 Scientific Databases; CHAPTER 4 Data Quality Assurance; CHAPTER 5 Metadata; CHAPTER 6 Archiving Ecological Data and Information; CHAPTER 7 Transforming Data into Information and Knowledge; CHAPTER 8 Ecological Knowledge and Future Data Challenges; Index
Sommario/riassunto	Ecologists are increasingly tackling difficult issues like global change, loss of biodiversity and sustainability of ecosystem services. These and related topics are enormously challenging, requiring unprecedented multidisciplinary collaboration and rapid synthesis of large amounts of

diverse data into information and ultimately knowledge. New sensors, computers, data collection and storage devices and analytical and statistical methods provide a powerful tool kit to support analyses, graphics and visualizations that were unthinkable even a few years ago. New and increased emphasis