

1.	Record Nr.	UNINA9910144591203321
	Titolo	The Solid waste handbook : a practical guide
	Pubbl/distr/stampa	[Place of publication not identified], : Wiley, 1986
	ISBN	0-470-17295-9
	Disciplina	628.4/4
	Soggetti	Factory and trade waste - Handbooks, manuals, etc Refuse and refuse disposal - Handbooks, manuals, etc Environmental Engineering Civil & Environmental Engineering Engineering & Applied Sciences
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	Bibliographic Level Mode of Issuance: Monograph
2.	Record Nr.	UNINA9910437939903321
	Autore	Awange Joseph L. <1969->
	Titolo	Environmental geoinformatics : monitoring and management / / Joseph L. Awange, John B. Kyalo Kiema
	Pubbl/distr/stampa	Heidelberg, Germany, : Springer, c2013
	ISBN	3-642-34085-7
	Edizione	[1st ed. 2013.]
	Descrizione fisica	1 online resource (541 p.)
	Collana	Environmental Science and Engineering, Environmental Science
	Altri autori (Persone)	KiemaJohn
	Disciplina	363.700285
	Soggetti	Geographic information systems Environmental geology Geodesy Geography Remote sensing Earth sciences
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia

Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Environmental Monitoring and Management -- Geodata and Geoinformatics -- Fundamentals of surveying and geodesy -- Modernization of GNSS -- The Global Positioning System -- Environmental Surveying and Surveillance -- Fundamentals of Remote Sensing -- Optical Remote Sensing -- Microwave Remote Sensing -- Image Interpretation and Analysis -- Fundamentals of Photogrammetry -- Digital Photogrammetry.
Sommario/riassunto	There is no doubt that today, perhaps more than ever before, humanity faces a myriad of complex and demanding challenges. These include natural resource depletion and environmental degradation, food and water insecurity, energy shortages, diminishing biodiversity, increasing losses from natural disasters, and climate change with its associated potentially devastating consequences, such as rising sea levels. These human-induced and natural impacts on the environment need to be well understood in order to develop informed policies, decisions, and remedial measures to mitigate current and future negative impacts. To achieve this, continuous monitoring and management of the environment to acquire data that can be soundly and rigorously analyzed to provide information about its current state and changing patterns, and thereby allow predictions of possible future impacts, are essential. Developing pragmatic and sustainable solutions to address these and many other similar challenges requires the use of geodata and the application of geoinformatics. This book presents the concepts and applications of geoinformatics, a multidisciplinary field that has at its core different technologies that support the acquisition, analysis and visualization of geodata for environmental monitoring and management. We depart from the 4D to the 5D data paradigm, which defines geodata accurately, consistently, rapidly and completely, in order to be useful without any restrictions in space, time or scale to represent a truly global dimension of the digital Earth. The book also features the state-of-the-art discussion of Web-GIS. The concepts and applications of geoinformatics presented in this book will be of benefit to decision-makers across a wide range of fields, including those at environmental agencies, in the emergency services, public health and epidemiology, crime mapping, environmental management agencies, tourist industry, market analysis and e-commerce, or mineral exploration, among many others. The title and subtitle of this textbook convey a distinct message. Monitoring -the passive part in the subtitle - refers to observation and data acquisition, whereas management - the active component - stands for operation and performance. The topic is our environment, which is intimately related to geoinformatics. The overall message is: all the mentioned elements do interact and must not be separated. Hans-Peter Bahr, Prof. Dr.-Ing. Dr.h.c., Karlsruhe Institute of Technology (KIT), Germany.