

1. Record Nr.	UNINA9910830444603321
Titolo	Advanced mapping of environmental data [[electronic resource]] : geostatistics, machine learning, and Bayesian maximum entropy // edited by Mikhail Kanevski
Pubbl/distr/stampa	London, : ISTE Hoboken, N.J., : Wiley, 2008
ISBN	9780470611463 (e-book) 9781848210608 (hbk.)
Descrizione fisica	1 online resource (xiii, 313 p.) : ill
Collana	ISTE ; ; v.62
Altri autori (Persone)	KanevskiMikhail
Disciplina	550.1519542
Soggetti	Geology - Statistical methods Machine learning Bayesian statistical decision theory
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Chapter 1. Advanced Mapping of Environmental Data: Introduction -- Chapter 2. Environmental Monitoring Network Characterization and Clustering -- Chapter 3. Geostatistics: Spatial Predictions and Simulations -- Chapter 4. Spatial Data Analysis and Mapping Using Machine Learning Algorithms -- Chapter 5. Advanced Mapping of Environmental Spatial Data: Case Studies -- Chapter 6. Bayesian Maximum Entropy – BME -- Index.
Sommario/riassunto	This book combines geostatistics and global mapping systems to present an up-to-the-minute study of environmental data. Featuring numerous case studies, the reference covers model dependent (geostatistics) and data driven (machine learning algorithms) analysis techniques such as risk mapping, conditional stochastic simulations, descriptions of spatial uncertainty and variability, artificial neural networks (ANN) for spatial data, Bayesian maximum entropy (BME), and more.

2. Record Nr.	UNINA9910873653103321
Titolo	.. International Symposium on Computing and Networking
Pubbl/distr/stampa	Piscataway, NJ : , : IEEE, , [2013]-
Disciplina	004
Soggetti	Electronic data processing - Distributed processing Computer networks Computer systems Conference papers and proceedings.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Periodico
Note generali	Proceedings of symposium and workshops held in conjunction with it.