1. Record Nr. UNINA9910583485403321

Titolo	Soil mapping and process modeling for sustainable land use management / / edited by Paulo Pereira [and three others]
Pubbl/distr/stampa	Amsterdam, Netherlands : , : Elsevier, , 2017 ©2017
ISBN	0-12-805201-5
Descrizione fisica	1 online resource (400 pages) : illustrations
Disciplina	631.47
Soggetti	Soil mapping Land use - Planning - Statistical methods Land use - Planning - Simulation methods
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Sommario/riassunto	Soil Mapping and Process Modeling for Sustainable Land Use Management is the first reference to address the use of soil mapping and modeling for sustainability from both a theoretical and practical perspective. The use of more powerful statistical techniques are increasing the accuracy of maps and reducing error estimation, and this text provides the information necessary to utilize the latest techniques, as well as their importance for land use planning. Providing practical examples to help illustrate the application of soil process modeling and maps, this reference is an essential tool for professionals and students in soil science and land management who want to bridge the gap between soil modeling and sustainable land use planning. Offers both a theoretical and practical approach to soil mapping and its uses in land use management for sustainability. Synthesizes the most up-to-date research on soil mapping techniques and applications. Provides an interdisciplinary approach from experts worldwide working in soil mapping and land management.