Record Nr. UNINA9910437793203321 Titolo The soils of Italy / / Edoardo A.C. Costantini, Carmelo Dazzi, editors New York, : Springer, 2013 Pubbl/distr/stampa **ISBN** 94-007-5642-9 Edizione [1st ed. 2013.] Descrizione fisica 1 online resource (359 p.) World soils book series Collana Altri autori (Persone) CostantiniEdoardo A. C DazziCarmelo 577.570945 Disciplina Soggetti Environmental sciences Soils - Italy Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Includes index. Nota di contenuto Introduction -- Research in pedology: an historical perspective --Climate -- Geology and geomorphology -- Vegetation and land use. - Time as a soil-forming factor in Italy -- Pedodiversity -- Soil function and ecological services -- Soil threats -- Soil management --Soils, humans and industry -- Future soil issues. The Soils of Italy is the first comprehensive book on Italian pedology in Sommario/riassunto seventy years. Taking advantage of the authors' large experience and of the most up-to-date information and technology, this book treats the main soil types of Italy, their diffusion, their functions, ecological use, and the threats to which they are subjected during centuries of intensive management. It also deals with future scenarios of the relationships between soil science and other disciplines, such as urban development, medicine, economics, sociology, and archaeology. The description of the soils is accompanied by a complete set of data, pictures and maps, including benchmark profiles. Factors of soil formation are also treated, making use of new, unpublished data and elaborations. The book also includes a history of pedological research

in Italy, spanning over a century. .