

1. Record Nr.	UNINA9910299429303321
Autore	Chen Zueng-Sang
Titolo	The Soils of Taiwan // by Zueng-Sang Chen, Zeng-Yei Hseu, Chen-Chi Tsai
Pubbl/distr/stampa	Dordrecht : , : Springer Netherlands : , : Imprint : Springer, , 2015
ISBN	94-017-9726-9
Edizione	[1st ed. 2015.]
Descrizione fisica	1 online resource (137 p.)
Collana	World Soils Book Series, , 2211-1255
Disciplina	333.7 624.151 630 631.4 910.02
Soggetti	Soil science Soil conservation Agriculture Physical geography Geoecology Environmental geology Geotechnical engineering Soil Science & Conservation Physical Geography Geoecology/Natural Processes Geotechnical Engineering & Applied 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 and index.
Nota di contenuto	Pedosphere and soil resources -- Soil formation factors and soil environmental conditions -- Soil function -- The general characteristics and distribution of major soil groups -- Soil characteristics, pedogenesis and utilization of major soil groups -- Soil degradation and soil conservation -- Soil survey and soil information system.
Sommario/riassunto	Taiwan is located at the convergent boundary between the Philippine

Sea plate and the continental margin of the Eurasian plate. The collision by oblique plate convergence began at around 5 to 6 million years and is ongoing with continual crustal shortening and widespread seismic activities. As a result Taiwan has very diverse environmental conditions and consists of five geologic provinces from west to east namely the coastal plain, western foothills, central range, longitudinal valley and coastal range. Besides this there is also the elevation change from sea level to about 4000 meter above sea level. This book presents a comprehensive and up-to-date overview on the soils of Taiwan which includes sections on soil research, history, climate, geology, geomorphology, major soil types, soil maps, soil properties, soil classification, soil fertility, land use and vegetation, soil management, soils and humans, soils and industry as well as future soil issues. It summarizes what is known about the soils in Taiwan in a concise and highly reader-friendly way which makes this latest volume in the World Soil series accessible to a broad audience.
