

1. Record Nr.	UNISA990001326210203316
Autore	PLOTINUS
Titolo	Plotinus / with an English translation by A. H. Armstrong
Pubbl/distr/stampa	Cambridge (Massachusetts); London : Harvard University Press
Descrizione fisica	volumi ; 17 cm
Collana	The Loeb classical library
Disciplina	186.4
Collocazione	V.1. Coll. 7/ 1/(VIII D 63/)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Testo originale a fronte

2. Record Nr.	UNINA9910853996703321
Autore	Finke Peter <1942->
Titolo	Modelling Soil Development Under Global Change // by Peter Finke
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2024
ISBN	9783031555831 303155583X
Edizione	[1st ed. 2024.]
Descrizione fisica	1 online resource (161 pages)
Collana	SpringerBriefs in Earth System Sciences, , 2191-5903
Disciplina	631.4
Soggetti	Ecology Soil science Quantum theory Computer simulation Rock mechanics Soil mechanics Environmental Sciences Soil Science Quantum Simulations Soil and Rock Mechanics
Lingua di pubblicazione	Inglese

Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Part I. Modelling Soil Development -- 1. Why model soil development -- 2. A brief history of modelling soil development -- 3. Required process coverage in a soil development model -- Part II. The Soilgen Model -- 4. Philosophy behind SoilGen Processes in SoilGen -- 5. Addressing constraints, variability and uncertainty -- Part III. User Interface -- 6. User interface of SoilGen.
Sommario/riassunto	Quantitative assessments of the effects of global change on soil development are mostly focused on soil carbon, some nutrients, pollutants and soil water. Soil however is a complex entity with interacting biological, physical and chemical processes that are rarely modelled in its entirety. Additionally, for the sake of simplicity various soil properties are considered constants whereas in reality they are not. Soil as we observe it is the resultant of many processes driven by varying boundary conditions such as climate and organisms including men. This is not different when we study global change, thus modelling soil development under global change overlaps with modelling soil formation. This book gives an overview of what such model should entail, with ample descriptions to use SoilGen, a simulation model to study pedogenesis.