

1. Record Nr.	UNINA9910787567303321
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Titolo	Soil colloids : properties and ion binding // Fernando V. Molina, University of Bueno Aires Buenos Aires, Argentina
Pubbl/distr/stampa	Boca Raton : , : Taylor & Francis, , [2014]
ISBN	0-429-06446-2 1-4398-5114-X
Descrizione fisica	1 online resource (535 p.)
Collana	Surfactant science series ; ; v. 156
Disciplina	578.75/7 578.757 631.4
Soggetti	Soil colloids Soils - Analysis
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.
Nota di contenuto	pt. I. Foundations -- pt. II. Soil components -- pt. III. Ion binding to soil colloids.
Sommario/riassunto	Within the field of soil science, soil chemistry encompasses the different chemical processes that take place, including mineral weathering, humification of organic plant residues, and ionic reactions involving natural and foreign metal ions that play significant roles in soil. Chemical reactions occur both in the soil solution and at the soil particle-solution interface-the latter surface reactions being vitally important in soil properties and behavior. The binding of ions to soil particles is important in defining the fate of foreign species, such as pollutants, and has a direct impact o