1. Record Nr. UNINA9910456909803321 Autore Nagy Noemi M. Titolo Interfacial chemistry of rocks and soils // Noemi M. Nagy, Jozsef Konya Boca Raton:,: Taylor & Francis,, 2009 Pubbl/distr/stampa **ISBN** 0-429-14501-2 1-282-49551-8 9786612495519 1-4200-9133-6 Descrizione fisica 1 online resource (246 p.) Collana Surfactant science series;; 148 Altri autori (Persone) KonyaJozsef Disciplina 631.4/1 Soggetti Solid-liquid interfaces Soil chemistry Rocks Thermodynamics Electronic books. Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Description based upon print version of record. Note generali Nota di contenuto Front cover; Contents; Preface; Chapter 1. Components of Soil and Rock-Solution Systems; Chapter 2. Interfacial Processes in Geological Systems: Studies on Montmorillonite Model Substance; Chapter 3. Interfacial Reactions at Rock and Soil Interfaces; Chapter 4. Experimental Methods in Studying Interfacial Processes of Rocks and Soils; Index; Back cover Sommario/riassunto Knowledge of the basic interactions that take place between geological materials and different substances is the first step in understanding the effects of adsorption and other interfacial processes on the quality of rocks and soils, and on driving these processes towards a beneficial or neutral result. Interfacial Chemistry of Rocks and Soils examines the different processes at solid and liquid interfaces of soil and rock, presenting a complete analysis that emphasizes the importance of

chemical species on these interactions. Summarizing the results and

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