Record Nr. UNINA9910797238303321 Autore Armson K. A. Titolo Forest soils: properties and processes / / K. A. Armson Pubbl/distr/stampa Toronto, [Ontario];; Buffalo, [New York]:,: University of Toronto Press, , 1977 ©1977 1-4426-5633-6 **ISBN** Descrizione fisica 1 online resource (407 p.) Collana Heritage Disciplina 634.9 Soggetti Forest soils Electronic books. Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Nota di bibliografia Includes bibliographical references and index. Cover -- Contents -- Preface -- Introduction -- 1 Forest soil: what it is Nota di contenuto and how to describe it -- A look at soil -- The description of a soil -- 2 The architecture of soil: texture, structure, and porosity -- Soil texture -- Determination of soil texture -- Stones -- Soil structure -- Origin of soil structure -- Soil consistence -- Soil porosity -- Measurement of soil porosity -- 3 Colour, temperature, and aeration -- Soil colour --Measurement of soil colour -- Soil temperature -- Soil temperature regimes -- Snow and frost -- Soil aeration -- Measurement of soil aeration -- Soil aeration regimes -- 4 Soil water: the lifeblood of soil --Energy relationships of water -- Movement of water in soil --Movement in layered soils -- Soil water measurement -- Soil moisture regimes -- 5 Soil organic matter -- The type and amount of organic

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Sommario/riassunto

This is a comprehensive study of forest soils for foresters, wildlife and park managers, ecologists, and others interested in forest soils. It provides a valuable text for introductory and more advanced courses.