Book Review

Engineering Properties of Soils and Rocks
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This well structured and presented book presents a fully revised and up to date review of the engineering properties and behaviour of various soil and rock types. Each chapter deals with a specific soil or rock type and provides a combination of applied geological science with engineering applications. They conclude with an excellent reference list, which acts as a good source of further information specific to each rock and soil type.

It is divided into four broad sections detailing the cycle of the weathering of rocks, the formation of soil and finally the engineering aspects of the uses of such rock types. The first section details the formation, descriptions, properties and classification of soils and provides chapters specific to coarse, fine, brickearth, loess and clay soils. The second section describes a variety of soil types under different climatic conditions: cold, sub-tropical and tropical. The third section discusses the description and classification of rocks, their engineering properties and weathering characteristics. The section is subdivided into igneous and metamorphic, arenaceous and argillaceous, and carbonate and evaporitic rock types. Finally the book concludes with a section detailing the issues surrounding with groundwater: occurrence, movement, abstraction and control.

It is anticipated that this book will be of use to students and professions alike in the field of engineering geology, civil engineering, planning, soil science and mining engineering for either an every day working guide or an in-depth review of the subject.