



Unsaturated Soil Mechanics in Geotechnical Practice (Paperback)

By Geoffrey E Blight

Taylor Francis Ltd, United Kingdom, 2017. Paperback. Condition: New. Language: English . Brand New Book ***** Print on Demand *****.There are other books on unsaturated soil mechanics, but this book is different. Unsaturated soil mechanics is only one aspect of a continuous range of soil mechanics studies that extends from the rheology of high water content soil slurries to the mechanics of soft soils, to stiff saturated soils, to unsaturated soils, and, at the far end of the range, to dry soils. In reality, the water content of all soils, that are not permanently submerged, varies seasonally. In most climatic zones, rainfall varies during the year and the depth of the water table varies sympathetically. In applying unsaturated soil mechanics in practice, it is therefore important to realise and allow for the probability that soil will, either seasonally or occasionally, pass from the unsaturated to the saturated state and even from unsaturation to dryness. This is the only book that looks specifically at this essential practical aspect. The theory of unsaturated soils is fully dealt with in all of its aspects, including its application to natural undisturbed soils and compacted soils. Application of the theory to soil-like materials such as mine waste...

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