

Core Principles of Soil Mechanics

ICE Textbooks

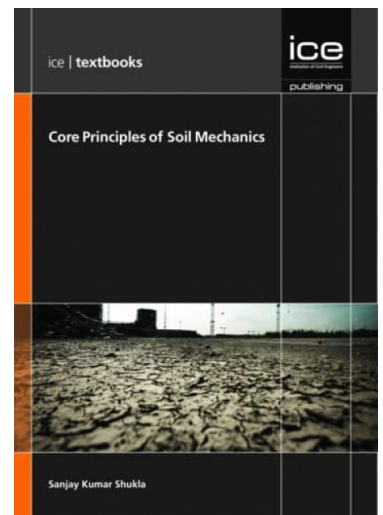
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About the Book

Core Principles of Soil Mechanics is a practical guide to the key concepts and latest developments in the field of soil mechanics. It explores the physical properties of soils and the behaviour of soil masses subjected to loads, as well as soil phases, classification and characteristics, stresses and fluid flow, consolidation, compressibility and compaction, shear strength, lateral earth pressure, slope stability and bearing capacity. These core principles can be applied to soil-like materials, such as coal ashes and mine tailings, and are explored using real-life scenarios and worked examples.

Produced by the Institution of Civil Engineers, ICE Textbooks offer clear, concise and practical information on the major principles of civil and structural engineering. They are an indispensable companion to undergraduate audiences, providing students with:

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- Further reading suggestions



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