

CIVIL ENGINEERING AND GEOMECHANICS SERIES

In Situ Tests in Geotechnical Engineering

Jacques Monnet



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In situ geotechnical tests have long suffered from a lack of credibility amongst academics who have always preferred laboratory tests, where test conditions are known and optimal measures are controlled.

In this title, the author reinstates *in situ* geotechnical tests in the field of civil engineering by showing what they can do for our understanding of the mechanical quantities measured in the laboratory, but also by presenting their advantages in allowing research to go further in finding data that is inaccessible to laboratory tests.

This book is aimed at engineers as well as students and researchers of geotechnical topics. It provides the reader with useful information for carrying out optimal *in situ* tests to achieve a better adaptation of civil engineering works in relation to the ground.

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