Taylor & Francis

Fernando Schnaid

IN SITU TESTING IN GEOMECHANICS

THE MAIN TESTS

Resumo de In Situ Testing in Geomechanics: The Main Tests

Demanding a thorough knowledge of material behaviour and numerical modelling, site characterisation and in situ test interpretation are no longer just basic empirical recommendations. Giving a critical appraisal of the understanding and assessment of the stress-strain-time and strength characteristics of geomaterials, this book explores new interpretation methods for measuring properties of a variety of soil formations.

Emphasis is given to the five most commonly encountered in situ test techniques: standard penetration tests cone penetration tests vane test pressuremeter tests dilatometer tests Ideal for practising engineers in the fields of geomechanics and environmental engineering, this book solves numerous common problems in site characterisation.

It is also a valuable companion for students coming to the end of their engineering courses and looking to work in this sector.