

- 1 Origins and Composition of Soil
- 2 Classification of Soils for Engineering Purposes
- 3 Basic Physical Properties of Soils
- 4 Groundwater, Pore Pressure and Effective Stress
- 5 Soil Permeability and Seepage
- 6 Stresses and Strains in Soils
- 7 Measurement of Shear Strength
- 8 Earth Pressure and Retaining Walls
- 9 Stability of Slopes
- 10 Settlement and Consolidation
- 11 Bearing Capacity of Foundations
- 12 Site Investigations and In Situ Testing
- Appendix A Eurocode 7: Geotechnical Design
- Appendix B Geotechnical Design: Factors of Safety and Partial Factors
- Appendix C Guide to Soil Mechanics Spreadsheets and Reference (on the CD-ROM)