Earthquake Geotechnical Engineering

DOWNLOAD HERE

Preface. 1. SPT- and CPT-based relationships for the residual shear strength of liquefield soils; I.M. Idriss, R.W. Boulanger. 2. Long period strong ground motion and its use as input to displacement based design; E. Faccioli et al. 3. Site effects: from observation and modelling to accounting for them in building codes; F.J. Chavez-Garcia. 4. Source and site factors in microzonation; A. Ansal, G Tonuk. 5. A Review of Large Scale Testing Facilities in Geotechnical Earthquake Engineering; A. Elgamal et al. 6. Modelling of dynamic soil problems; D.M. Wood. 7. Field seismic testing in geotechnical earthquake engineering; K.H. Stokoe, II. 8. Liquefaction strengths of poorly-graded and well-graded granular soils investigated by lab tests; T. Kokusho. 9. Shallow and deep foundations under fault rupture or strong seismic shaking; G. Gazetas et al. 10. Seismic design and performance of surface foundations; M. Pender. 11. Liquefaction performance of shallow foundations in presence of a soil crust; G. Bouchovalas, P. Dakoulas. 12. Seismic design of pile foundations for liquefaction effects; R.W. Boulanger et al. 13. Seismic analysis and design of geotechnical structures; S. Iai, T. Tobita. 14. Simplified seismic slope displacement procedures; J.D. Bray. 15. Developments of soil improvement technologies for mitigation of liquefaction risk; I. Towhata. 16. Remediation methods against liquefaction which can be applied to existing structures; S. Yasuda. 17. Lifeline performance under extreme loading during earthquakes; T.D. O'Rourke, A.L. Bonneau. 18. Seismic risk assessment of underground structures under transient ground deformations; R. Paolucci, K. Pitilakis. 19. Issues in seismic risk assessment of transportation networks; A.S. Kiremidjian et al. Index. EAN/ISBN : 9781402058936 Publisher(s): Springer Netherlands Format: ePub/PDF Author(s): Pitilakis, Kyriazis D.

DOWNLOAD HERE

<u>Similar manuals:</u>

Earthquake Geotechnical Engineering

Recent Advances In Earthquake Geotechnical Engineering And Microzonation