

GEOTECHNICAL ENGINEER EXAMINATION REFERENCE LIST

The following is a list of recommended references for the Geotechnical Engineer examination. References included in this list should be considered suggested material only.

1. **An Introduction to Geotechnical Engineering, 2nd Edition**; Robert D. Holtz et al. (2010)
2. **Annual book of ASTM Standards, Section 4 – Construction, Volume 04.08: Soil and Rock (I);**
D 420 – D 5876 (current edition)
3. **California Building Code, Volume II** (2013)
4. **Designing with Geosynthetics, 5th Edition**; Robert M. Koerner (2005)
5. **Seepage Analysis and Control for Dams, Engineer Manual No. 1110-2-1901**
Available through website:
http://www.publications.usace.army.mil/Portals/76/Publications/EngineerManuals/EM_1110-2-1901.pdf
6. **Foundation Analysis and Design, 5th Edition**; Joseph E. Bowles (2001)
7. **Minimum Design Loads for Buildings and Other Structures** (ASCE/SEI 7-10)
8. **Foundation Design Principles and Practices, 2nd Edition**; Donald P. Coduto (2001)
9. **Foundation Engineering, 2nd Edition**; Ralph B. Peck, Walter E. Hansen and Thomas H. Thornburn (1974)
10. **Foundation Engineering Handbook, 2nd Edition**; Hsai-Yang Fang (Editor); Van Nostrand Reinhold (1991)
11. **Geotechnical Earthquake Engineering**; Steven L. Kramer (1996)
12. **Geotechnical Engineering Principles and Practices, 2nd Edition**; Donald P. Coduto et al. (2010)
13. **Guidelines for Evaluating and Mitigating Seismic Hazards in California**; California Division of Mines and Geology, Special Publication 117A (2008) Available through website:
<http://www.conservation.ca.gov/cgs/shzp/Pages/shmppgminfo.aspx>
14. **Highway Design Manual, Chapters 600-670**, Caltrans
Available through website: <http://www.dot.ca.gov/hq/oppd/hdm/hdmtoc.htm>
15. **Principles of Foundation Engineering, 7th Edition**; Braja M. Das (2010)
16. **Professional Engineers' Act and Board Rules**; Board for Professional Engineers and Land Surveyors (2014)
17. **Soil Liquefaction During Earthquakes**; I.M. Idriss and R.W. Boulanger, Earthquake Engineering Research Institute (2008)
18. **Recommended Procedures for Implementation of DMG Special Publication 117: Guidelines for Analyzing and Mitigating Liquefaction Hazards in California**; Southern California Earthquake Center; USC (March 1999)
19. **Seepage, Drainage, and Flow Nets, 3rd Edition**; Harry R. Cedergren; John Wiley and Sons (1989)
20. **Civil Engineering Reference Manual for the PE Exam, 10th Edition**; Michael R. Lindeburg; Professional Publications (2006)
21. **Introductory Soil Mechanics and Foundations: Geotechnical Engineering, 4th Edition**; George F. Sowers; Macmillan Publishing (1979)
22. **Soil Mechanics, Design Manual 7.01 and 7.02**; Department of the Navy, Naval Facilities Engineering Command; U.S. Government Printing Office (1986)
Available through website: http://web.mst.edu/~rogersda/umrcourses/ge441/dm7_01.pdf
23. **Soil Mechanics in Engineering Practice, 3rd Edition**; Karl Terzaghi, Ralph B. Peck and Gholamreza Mesri (1996)
24. **Minimum Design Loads for Buildings and Other Structures** (ASCE/SEI 7-05)