

## Certified Engineering Geologist (CEG) Examination Reference List

The following is a list of recommended references for the Certified Engineering Geologist (CEG) Examination. References included in this list should be considered suggested material only.

1. **ASTM D1587 - 08** Standard Practice for Thin-Walled Tube Sampling of Soils for Geotechnical Purposes
2. **California Building Standards Code (Title 24, California Code of Regulations):**  
<http://www.bsc.ca.gov/codes.aspx>
3. **California Public Resource Code:** <http://leginfo.legislature.ca.gov/faces/codes.xhtml>
4. **Cal/OSHA (Title 8, California Code of Regulations):**  
<http://www.dir.ca.gov/samples/search/query.htm>
5. **CGS Special Publication 42**, Fault Rupture Hazard Zones in California:  
<http://www.conservation.ca.gov/CGS/publications/pages/index.aspx>
6. **CGS Special Publication 117A**, Guidelines for Evaluating and Mitigating Seismic Hazards in California:  
<http://www.conservation.ca.gov/cgs/shzp/webdocs/Documents/sp117.pdf>
7. ***Earth and Earth Rock Dams: Engineering Problems of Design and Construction***, Sherard, J.L., Woodward, R.J., & Gizienski, S.F., (1967) John Wiley and Sons
8. ***Earth Retention Systems Handbook***, Macnabb, A. (2002) McGraw-Hill publisher
9. ***Engineering Geology, 2nd Ed.***, Bell, F.G. (2008) Burlington, Massachusetts: Elsevier Ltd.
10. ***Engineering Geology: An Environmental Approach, 2nd Ed.***, Rahn, P.H. (1996) Prentice Hall, Inc.
11. ***Engineering Geology - Rock in Engineering Construction***, Goodman, R.E. (1993) John Wiley & Sons, Inc.
12. ***Essentials of Soil Mechanics and Foundations, 5th Ed.***, McCarthy, D.F. (2004) Prentice Hall, Inc.
13. ***Fundamentals of Geotechnical Analysis***, Dunn, I.S., Anderson, L.R., & Keifer, F.W. (1980) New York, NY: John Wiley & Sons, Inc.
14. ***Geology Applied to Engineering***, West, T.R. (1995) Prentice Hall, Inc.
15. ***Geology of Earthquakes***, Yeats, R., Sieh, K., & Allen, C. (1997) Oxford University Press
16. ***Geotechnical Engineering Investigation Handbook, 2nd Ed.***, Hunt, Roy (2005) Taylor & Francis Group
17. ***Geotechnical Engineering, Principles and Practices, 2nd Ed.***, Coduto, Donald P., Yeung, and Kitch (2011) Prentice Hall, Inc.
18. ***Ground Control and Improvement***, Xanthakos, P.P., Abramson, L.W., & Bruce, D.A. (1994) John Wiley & Sons, Inc.
19. ***Groundwater and Wells, 2nd Ed.***, Driscoll, Fletcher G. (1986) Johnson Filtration Systems, Inc.
20. ***Landslides in Practice***, Cornforth, D.H. (2005) John Wiley & Sons, Inc.
21. ***Physical & Chemical Hydrogeology***, Domenico, PA & Schwartz, FW. (1998) John Wiley & Sons, Inc.
22. ***Principles of Engineering Geology***, Johnson, Robert, B. and DeGraff, Jerome, V. (1988) John Wiley & Sons, Inc.

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23. **Rock Slope Engineering 3<sup>rd</sup> Ed.**, Wiley, D.C., & Mah, C.W., (2004) Spon Press
24. **Soil Liquefaction During Earthquakes**, Idriss, I.M., and Boulanger, R.W. (2008) Earthquake Engineering Research Institute
25. **Soil Mechanics**, Lambe Whitman (1969) John Wiley & Sons, Inc.
26. **Soil Mechanics Design Manual 7.1**, Naval Facilities Engineering Command, Department of Navy
27. **Soil Mechanics in Engineering Practice. 3rd Ed.**, Terzaghi, K., Peck, R.B., & Mesri, G. (1996) John Wiley and sons, Inc.
28. **Soil and Rock Logging, Classification and Presentation Manual**, Caltrans:  
[http://www.dot.ca.gov/hq/esc/geotech/references/Rock\\_Cut\\_Slope\\_References/13\\_Caltrans\\_Soil\\_and\\_Rock\\_Logging\\_Manual\\_2010.pdf](http://www.dot.ca.gov/hq/esc/geotech/references/Rock_Cut_Slope_References/13_Caltrans_Soil_and_Rock_Logging_Manual_2010.pdf)
29. **Structural Geology, 4th Ed.**, Ragan, Donald M. (2009) Cambridge University Press
30. **Surficial Geology: Building with the Earth**, Costa, J.E. & Baker, V. (1981) John Wiley & Sons, Inc.
31. **Title 5, California Code of Regulations:** <http://www.cde.ca.gov/Ls/fa/sf/title5regs.asp>
32. **Title 14, California Code of Regulations (Natural Resources):**  
[https://govt.westlaw.com/calregs/Index?transitionType=Default&contextData=\(sc.Default\)](https://govt.westlaw.com/calregs/Index?transitionType=Default&contextData=(sc.Default))
33. **Title 27, California Code of Regulations (Environmental Protection):**  
<http://www.calrecycle.ca.gov/laws/regulations/title27/ch3sb2c.htm>