Professional Geophysicist (PGp) Examination Reference List

The following is a list of recommended references for the Professional Geophysicist (PGp) Examination. References included in this list should be considered suggested material only.

- 1. Alquist-Priolo Earthquake Fault Zoning Act <u>https://www.conservation.ca.gov/cgs/alquist-priolo</u>
- 2. Applications Manual for Portable Magnetometers, Breiner, S., (1999) https://www.geometrics.com/wp-content/uploads/2018/10/m-ampm-05Apr06.pdf
- 3. Applied Geophysics, 2nd Ed., Telford, W.M., Geldart, L.P., & Sheriff, R.E., (1990), Cambridge University Press <u>https://kobita1234.files.wordpress.com/2016/12/telford-geldart-sheriff-applied-geophysics.pdf</u>
- An Introduction to Applied and Environmental Geophysics, 2nd Ed., Reynolds, J.M., (2011), Wiley-Blackwell <u>https://www.geokniga.org/bookfiles/geokniga-introduction-applied-and-environmentalgeophysics_1.pdf</u>
- 5. Borehole Geophysics Applied to Groundwater Investigations, Keys, W.S., (1990), National Water Well Association <u>https://pubs.usgs.gov/twri/twri2-e2/</u>
- 6. California Building Code 2019 Section 2, Vol.2 <u>https://up.codes/viewer/california/ibc-2018</u>
- 7. Caterpillar Performance Handbook of Ripping, 12th Ed., (2012) https://www.echoframe.com/doc/handbook_of_ripping_caterpiller.pdf
- 8. Electromagnetic Methods in Applied Geophysics, Volume 1, Theory, Nabighian, M.N., (1988), Society of Exploration Geophysicists
- 9. Electromagnetic Methods in Applied Geophysics, Volume 2, Application, Parts A and B, Nabighian, M.N., (1991), Society of Exploration Geophysicists
- 10. Encyclopedic Dictionary of Applied Geophysics, 4th Ed., Sheriff, R.E., (2002), Society of Exploration Geophysicists
- 11. Earthquake Fault Zonings, Special Publication 42, Revised 2018 https://www.conservation.ca.gov/cgs/Documents/Publications/Special-Publications/SP_042.pdf
- 12. Field Geophysics, 4th Ed., Milson, J. & Eriksen, A., (2011), Wiley
- 13. **Geometrics, Inc.**, G858 MagMapper, Operation Manual, (2001), 25309-OM, Rev. D2 <u>https://www.geometrics.com/wp-content/uploads/2018/10/858Manual_D2.pdf</u>
- 14. Geophysical Exploration for Engineering and Environmental Investigations, (2005), U.S. Army Corps of Engineers, American Society of Civil Engineers
- 15. Geophysical Methods, Sheriff, R.E., (1989), Prentice Hall
- 16. Geophysical Investigations with the Geonics EM61-MK2 and EM61, Operational Procedures and Quality Control Recommendations, Quentin Yarie https://kdjonesinstruments.com/files/2020/07/EM61Manual.pdf
- 17. Gravity and Magnetic Exploration, Principles, Practices, and Applications, Hinze, W.J., Von Frese, R.R.B., & Saad, m A.H., (2013) Cambridge University Press
- 18. Introduction to Applied Geophysics, Burger, H.R., Sheehan, A.F., & Jones, C.H., (2006), W.W. Norton & Company, Inc.
- 19. Introduction to Geophysics-Mantle, Core, and Crust., 2nd Ed., Garland, G.D., (1979), W.B. Saunders Company
- 20. Introduction to Seismology, 2nd Ed., Shearer, P.M., (2009), Cambridge University Press
- MASW for geotechnical site investigation, (2013) Journal Name: The Leading Edge Issue: June 2013 Vol. 32 No. 6 Author: Choon Park <u>https://library.seg.org/doi/abs/10.1190/tle32060656.1</u>
- 22. Remote Sensing-Principles and Interpretation, Sabin Jr., Floyd F. (1986); Chapter V

- 23. Technical Guidance for Military Munitions Response Actions, U.S. Army Corps of Engineers, EM 200-1-15, Environmental Quality, Chapter 6 (2015) <u>https://www.publications.usace.army.mil/Portals/76/Publications/EngineerManuals/EM 200-1-15.pdf</u>
- 24. Transportation and Construction Vibration Guidance Manual, April 2020 https://dot.ca.gov/programs/environmental-analysis/noise-vibration/guidance-manuals
- 25. Urban Strong-Motion Reference Station Guidelines, (2016) <u>https://nanopdf.com/download/cosmos-urban-strong-motion-reference-station-guidelines_pdf</u>
- 26. Analysis of Geophysical Potential Fields, A Digital Signal Processing Approach, 1st Ed., P.S. Naidu, P.S., Matthew, M.P., (1998)