

## DAFTAR PUSTAKA

- Agustina, S., 2016. *Potensi Likuefaksi dan Prediksi Penurunan Tanah Setelah Gempa di Kota Yogyakarta dan Kabupaten Bantul*. Tesis. Yogyakarta: Jurusan Teknik Sipil dan Lingkungan Universitas Gadjah Mada.
- Arif, M., 2019. *Analisis Potensi Likuefaksi Berdasarkan Sifat Teknis Tanah dan Simulasi Numeris pada Pembangunan Runway dengan Stabilisasi Stone Column*. Tesis. Yogyakarta: Jurusan Teknik Sipil dan Lingkungan Universitas Gadjah Mada.
- Bartlett, S. F., dkk. 1995. *Empirical Prediction of Liquefaction-induced Lateral Spread*. Journal of Geotechnical Engineering, pp. 316-329.
- Boulanger, R. W. & Idriss, I. M., 2008. *CPT and SPT Based Liquefaction Triggering Procedures*. USA: Earthquake Engineering Research Institute.
- Boulanger, R. W. & Idriss, I. M., 2014. *Soil Liquefaction During Earthquakes*. Report UCD/CGM-14/01, Department of Civil and Environmental Engineering, University of California, Davis, CA.
- Castro, J., 2017. *Modeling Stone Columns*. Materials, 10(7), p.782.
- Das, B.M., 1993. *Principles of Soil Dynamics*. Boston, USA: PWSKENT Publishing Company.
- Day, R.W., 2002. *Geotechnical Earthquake Engineering Handbook*. McGrawHill
- Hardiyatmo, C. H., 2012. *Mekanika Tanah 1*. Yogyakarta: Gadjah Mada University Press.
- Hardiyatmo, C. H., 2012. *Mekanika Tanah 2*. Yogyakarta: Gadjah Mada University Press.
- Hardiyatmo, C. H., 2014. *Analisis dan Perancangan Fondasi 1*. Yogyakarta: Gadjah Mada University Press.

- Kramer, S.L., 1996. *Geotechnical Earthquake Engineering*. New Jersey: Prentice Hall.
- Lee, W. H. K., Kanamori, H., Jennings, P. C., Kisslinger, C., 2002. *International Handbook of Earthquake and Engineering Seismology, International Geophysics 81, Part A*. Academic Press.
- Lutgens, F. K., Tarbuck, E. J., Tasa, D. 2013. *Essentials of Geology*. Nobel Academic Publishing.
- OCDI, 2002. *Technical Standards for Port and Harbour Facilities in Japan*. Japan: OCDI.
- Pandia, Y. A. W., 2019. *Potensi Likuefaksi Studi Kasus Area Landas Pacu New Yogyakarta International Airport*. Tugas Akhir. Yogyakarta: Jurusan Teknik Sipil dan Lingkungan Universitas Gadjah Mada.
- PT. Nur Straits Engineering (NSE). 2017. *Sub Surface Exploration Log ASTM D1586-11*. Yogyakarta: PT. Nur Straits Engineering (NSE).
- PT. Promisco Sinergi Indonesia. 2018. *Laporan Faktual Penyelidikan Tanah Lokasi Air Side Proyek Pembangunan Bandara Internasional Yogyakarta*. Yogyakarta: PT. Promisco Sinergi Indonesia.
- Rahman M. A., dkk., 2020. *Analisis Tingkat Potensi Likuefaksi di Kawasan Underpass Yogyakarta International Airport*. Jurnal Rekayasa Sipil JRS-UNAND. Vol 16(2), pp. 91-104.
- Rahman M. A., dkk., 2020. *Analisis Respon Dinamik Tanah Berpotensi Likuefaksi pada Underpass Yogyakarta International Airport (YIA)*. Tesis. Yogyakarta: Jurusan Teknik Sipil dan Lingkungan Universitas Gadjah Mada.
- Rauch, A. F. 1997. *EPOLLS: An Empirical Method for Predicting Surface Displacements Due to Liquefaction-Induced Lateral Spreading in Earthquakes*. Faculty of the Virginia Polytechnic Institute and State University.

- Salem, Z.B., Frikha, W., Bouassida, M. 2015. *Effects of Granular-Column Installation on Excess Pore Pressure Variation during Soil Liquefaction*. American Society of Civil Engineers
- Schaefer, V., Mitchell, J., Berg, R., Filz, G. and Douglas, S., 2012. Ground Improvement in the 21st Century: A Comprehensive Web-Based Information System. *Geotechnical Engineering State of the Art and Practice*.
- Seed, H.B. & Idriss, I. M., 1971. Simplified Procedure for Evaluating Soil Liquefaction Potential. *Journal of the Soil Mechanics and Foundations Division*, ASCE, 97(SM9), pp. 1249-1273
- Setyabudi, A. P., 2013. *Analisis Probabilitas Likuefaksi Menggunakan Metode Liquefaction Severity Index Untuk Kabupaten Bantul, Sleman Dan Kotamadya Yogyakarta*. Tugas Akhir. Yogyakarta: Jurusan Teknik Sipil dan Lingkungan Universitas Gadjah Mada.
- Yang., Z., Elgamal, A. 2001. *Sand Boils and Liquefaction-Induced Lateral Deformation*. Conference on Soil Mechanics and Geotechnical Engineering, Istanbul, Turkey
- Yogatama, B. A., 2012. *Analisis Potensi Likuefaksi di Kawasan Kabupaten Bantul dan Kotamadya Yogyakarta*. Tugas Akhir. Yogyakarta: Jurusan Teknik Sipil dan Lingkungan Universitas Gadjah Mada.
- Yogatama B. A. & Tirta B. A. 2021. *Python Application in Geotechnical Engineering Practices*. Simposium Nasional Teknologi Infrastruktur Abad ke-21.
- Wood, H.O. & Newmann, F., 1931. Modified Mercalli Intensity Scale of 1931. *Seismological Society of America Bulletin*, 21, pp.277-83.
- Zhou, Y. & Chen, Y., 2007. Laboratory Investigation on Assessing Liquefaction Resistance of Sandy Soils by Shear Wave Velocity. *Journal of Geotechnical & Geoenvironmental Engineering*, ASCE, 133(8), pp. 959-972.