

DAFTAR PUSTAKA

- Arif, M. (2022). Experimental Study Of Fine Grain Content Of Soil On Liquefaction Potential. *Fropil (Forum Profesional Teknik Sipil)*, 10(2). <https://doi.org/10.33019/fropil.v10i2.3627>
- Chaerunisa, A., Jl Raya Kaligawe Km, E., & Tengah, J. (2017). *Solusi dan Perkembangan Wilayah Pesisir dan Delta Semarang*. Permasalahan.
- Das. (1995). *Mekanika Tanah (Prinsip-prinsip Rekayasa Geoteknis)*.
- Deo, *, Prayitno, P., & Artati, H. K. (2021). Analisis Potensi Likuifaksi Berdasarkan Distribusi Ukuran Butir Tanah dan Data Cone Penetration Test (CPT). In *Media Komunikasi Teknik Sipil* (Vol. 27, Issue 2).
- Joseph E. Bowles ; Sifat-sifat fisis dan geoteknis tanah : (mekanika tanah)
- Farichah, H. (2020). *Analisis Potensi Likuifaksi Dengan Data Cpt (Cone Penetration Test) Studi Kasus Proyek-X Di Surabaya Pusat* (Vol. 5, Issue 1).
- Geotechnical Earthquake Engineering (Kramer 1996)*. (n.d.).
- Iqbal, P., Tohari, A., Sadisun, I. A., & Nugroho, D. (2014). Naskah diterima 3 Februari 2014, selesai direvisi 21 Maret 2014 Korespondensi. In *Jurnal Lingkungan dan Bencana Geologi* (Vol. 5, Issue 1).
- Jalil, A., Fathani, T. F., Satyarno, I., & Wilopo, W. (2020). A study on the liquefaction potential in banda aceh city after the 2004 sumatera earthquake. *International Journal of GEOMATE*, 18(65), 147–155. <https://doi.org/10.21660/2020.65.94557>
- Mutmainah, H. (2021). Potensi Likuifaksi Di Pesisir Barat Sumatera Menggunakan Sondir. *Sebatik*, 25(2), 704–714. <https://doi.org/10.46984/sebatik.v25i2.1630>
- Putra, H. G., Hakam, A., & Lastaruna, D. (2009). *Analisa Potensi Likuifaksi Berdasarkan Data Pengujian Sondir (Studi Kasus Gor Haji Agus Salim Dan Lapai, Padang)* (Vol. 5, Issue 1).
- Seed, H.B., 1982, Ground Motions and Soil Liqui faction During Earthquake, Earthquake Engineering Research Institute, Pasadena, California.
- Tsuchida, H., (1970). Prediction and Countermeasure against liquefaction in sand deposits. Abstract of the Seminar of the port and Harbour Research Institute, Ministry of Transport, Yokosuka, Japan, 3.1-3.33

- Ghani, S., & Kumari, S. 2021. Liquefaction study of fine-grained soil using computational model. *Infrastructure Solutions, Innovative* 6(2). <https://doi.org/10.1007/s41062-020-00426-4>
- Youd, T. L., & Idriss, I. M. (2001). Liquefaction resistance of soils: summary report from the 1996 NCEER and 1998 NCEER/NSF workshops on evaluation of liquefaction resistance of soils. *Journal of geotechnical and geoenvironmental engineering*, 127(4), 297-313
- Wang W (1979) Some findings in soil liquefaction. Report Water Conservancy and Hydro-electric Power Scientific Research Institute, Beijing, pp 1–17
- Idriss, I.M., and Boulanger, R.W. 2003. “Relating K_{σ} and $K_{\sigma'}$ to SPT Blow Count and to CPT Tip Resistance for Use in Evaluating Liquefaction Potential” .
- Youd, T. L., & Idriss, I. M. (2001). Liquefaction resistance of soils: summary report from the 1996 NCEER and 1998 NCEER/NSF workshops on evaluation of liquefaction resistance of soils. *Journal of geotechnical and geoenvironmental engineering*, 127(4), 297-313.
- Idriss, I.M., and Boulanger, R.W. 2004. “Semi Empirical Procedures For Evaluating Liquefaction Potential During Earthquakes”. Department Of Civil and Environmental Engineering University Of California.
- Idriss, I. M., and Boulanger, R. W., 2007. SPT- and CPT-based relationships for the residual shear strength of liquefied soils, *Earthquake Geotechnical Engineering*, 4th International Conference on Earthquake Geotechnical Engineering—Invited Lectures, K. D. Pitilakis, ed., Springer, Netherlands, pp.1–22.
- Idriss I.M., dan Boulanger R.W., 2008, “Soil Liquefaction During Earthquake”, *Earthquake Engineering Research Institute (EERI) Publication No. MNO-12*. California.
- Luna, R., & Frost, J. D. (1998). Spatial liquefaction analysis system. *Journal of Computing in Civil Engineering*, 12(1) 48-56.
- Ishihara, K, Yamazaki, A, and Haga, K., 1985. Liquefaction of K_0 consolidated sand under cyclic rotation of principal stress direction with lateral constraint, *Soils and Foundations*, Japanese Society of Soil Mechanics and Foundation Engineering 5(4), 63–74.
- Alobaidi, M.H., Meguid, M.A., Chebana, F., 2019. Predicting seismic-induced liquefaction through ensemble learning frameworks. *Scientific Reports* 9 (1), 11786.
- Chakraborty, P., Das, A., & Anil. (2018). Effect of soil grain size on liquefaction strength of sandy soil. *Indian Geotechnical Conference, IGC 2018 IISc Bangalore*, December, 13-15.

- Robertson, P. K. (2009). Interpretation of cone penetration tests - a unified approach. *Canadian Geotechnical Journal*, 46(11), 1337–1355.
- Seed, H. B., & Idriss, I. M. (1971). Simplified procedure for evaluating soil liquefaction potential. *Journal of the Soil Mechanics and Foundations division*, 97(9), 1249-1273.
- Seed HB (1979) Soil liquefaction and cyclic mobility evaluation for level ground during earthquakes. *J Geotech Eng Div* 105(2):201–255
- Yaun H, Yang SH, Andrus RD, Junag CH (2004) Liquefaction induced ground failure: a study of the Chi- Chi earthquake cases. *Eng Geol* 71:141–155
- Pawirodikromo, W. (2012). *Seismologi teknik & rekayasa kegempaan*, Cetakan I. Pustaka Pelajar. Yogyakarta.
- Irsyam, M., Sengara, I.W., Aldiamar, F., Widiyanto ro, S., Triyoso, W., Kertapati, E., Natawidjaja, D.H., Meilano, I., Soehardjono, Asrirufak, M., dan Ridwan, M., 2010, *Penggunaan Peta Gempa Indonesia 2010*, Kementerian Pekerjaan Umum.
- Lonteng, C. V. D., Balamba, S., Monintja, S., & Sarajar, A.N. 2011. *Analisa Potensi Likuifaksi Berdasarkan Data Pengujian Sondir (Studi Kasus Gor Haji Agus Salim dan Lapai. Padang)*. Universitas Sam Ratulangi. Manado.
- Bray JD, Sancio RB (2006) Assessment of the Liquefaction Susceptibility of Fine Grained Soil". *J Geotech Eng* 132(9):1165–1177
- Andrews DCA, Martin GR (2000) Criteria for liquefaction of silty soils. In: *Proceedings of 12th World Conference on Earthquake Engineering*, Auckland, New Zealand
- Widari, L. A., Chandra, Y., Ersa, N. S., Khairunnisak, & Putri, N. (2023). Liquefaction potential analysis of Takengon immigration building in Central Aceh Regency. *AIP Conference Proceedings*, 2694. <https://doi.org/10.1063/5.0119085>
- Seed HB (1979) Soil liquefaction and cyclic mobility evaluation for level ground during earthquakes. *J Geotech Eng Div* 105(2):201–255
- Robertson, P. K., & Cabal, K. L. (2010). Estimating soil unit weight from CPT. *2nd International Symposium on Cone Penetration Testing*, 447-454.