

DAFTAR PUSTAKA

- Badan Standardisasi Nasional. (2017). *Persyaratan Perancangan Geoteknik* (No. SNI 8460:2017). Badan Standardisasi Nasional.
- Badan Standardisasi Nasional. (2019). *Tata Cara Perencanaan Ketahanan Gempa untuk Struktur Bangunan Gedung dan Nongedung* (No. SNI 1726:2019). Badan Standardisasi Nasional.
- Barksdale, R. D., & Bachus, R. C. (1983). *Design and Construction of Stone Columns Volume I* (Laporan Akhir No. FHWA/RD-83/026; hlm. 210). Federal Highway Administration (FHWA).
- Bina Marga. (2021). *Spesifikasi Khusus Pekerjaan Perbaikan Tanah dengan Kolom Batu Vibrasi* (Spesifikasi Khusus No. SKh-1.746). Kementerian PUPR.
- Buana, T. W., Hermawan, W., Rahdiana, R. N., Wahyudin, R. W., Hasibuan, G., Wiyono, & Solli, W. P. (2019). *Atlas Zona Kerentanan Likuefaksi Indonesia* [Peta]. Badan Geologi Kementerian Energi dan Sumber Daya Mineral.
- Castro, J. (2017). Modeling Stone Columns. *Materials*, 10(7), 782. <https://doi.org/10.3390/ma10070782>
- Darwis. (2017). *Dasar-Dasar Perbaikan Tanah*. Pustaka AQ.
- Day, R. W. (2002). *Geotechnical Earthquake Engineering Handbook*. McGraw-Hill.
- Elias, V., Welsh, J., Warren, J., Lukas, R., Collin, J. G., & Berg, R. R. (2006). *Ground Improvement Methods* (Laporan Teknis No. FHWA-NHI-06-019; Volume 1, hlm. 536). Federal Highway Administration (FHWA). <https://rosap.ntl.bts.gov/view/dot/75273>
- Fauzi, M. G., Rifat, L. M., Nurfirmayah, R. A., & Magfirona, A. (2025). Teknik Pelaksanaan Pekerjaan Stone Column pada Proyek Pembangunan Jalan Tol Yogyakarta–Bawen Seksi 1. *Universitas Muhammadiyah Surakarta*, 1–10.
- Hakam, A. (2020). *Analisis Praktis Potensi Likuefaksi*. Andalas Press.
- Hardiyatmo, H. C. (2014). *Analisis dan Perancangan Fondasi I* (3 ed.). Gadjah Mada University Press.
- Hardiyatmo, H. C. (2018). *Mekanika Tanah I* (7 ed.). Gadjah Mada University Press.

- Idriss, I. M., & Boulanger, R. W. (2008). *Soil Liquefaction During Earthquakes*. Earthquake Engineering Research Institute (EERI).
- Idriss, I. M., & Boulanger, R. W. (2014). *CPT and SPT Based Liquefaction Triggering Procedures* [Laporan Teknis]. University of California at Davis.
- Ishihara, K. (1985). Stability of Natural Deposits During Earthquakes. *11th International Conference on Soil Mechanics and Foundation Engineering*, 321–376.
- Koester, J. P., & Tsuchida, T. (1988). *Earthquake-Induced Liquefaction of Fine-Grained Soils—Considerations from Japanese Research* [Laporan Akhir]. US Army Corps of Engineers.
- Laksono, D. P. (2024). *Analisis Potensi dan Upaya Mitigasi Bencana Likuefaksi dengan Metode Stone Column di Jalan Tol Jogja–Bawen Seksi I* [Skripsi]. Universitas Gadjah Mada.
- Pawirodikromo, W. (2012). *Seismologi Teknik dan Rekayasa Kegempaan*. Pustaka Pelajar.
- Prayitno, D. P., & Artati, H. K. (2021). Analisis Potensi Likuefaksi Berdasarkan Distribusi Ukuran Butir Tanah dan Data Cone Penetration Test (CPT). *Media Komunikasi Teknik Sipil*, 27(2), 242–249. <https://doi.org/10.14710/mkts.v27i2.40276>
- Priebe, H. J. (1995). The Design of Vibro Replacement. *Ground Engineering*, 28(10), 31–37. [https://doi.org/10.1016/0148-9062\(96\)80092-1](https://doi.org/10.1016/0148-9062(96)80092-1)
- Siahaan, F. A. (2024). *Pengaruh Stone Column untuk Stabilitas Tanah pada Pembangunan Jalan Tol (Studi Kasus: Proyek Jalan Tol Yogyakarta–Bawen STA 71+875–72+100* [Skripsi]. Universitas Gadjah Mada.
- Youd, T. L., Idriss, I. M., Ronald D. Andrus, Ignacio Arango, John T. Christian, Richardo Dobry, Liam Finn, Leslie F. Harder Jr, Joseph P. Koester, Sam S. C. Liao, & William F. Marcuson. (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(10), 817–833. [http://dx.doi.org/10.1061/\(ASCE\)1090-0241\(2001\)127:10\(817\)](http://dx.doi.org/10.1061/(ASCE)1090-0241(2001)127:10(817))



Zakariya, A., Nurdiansyah, F., Galag, C. T. S. A., & Situmorang, J. (2022). Analisis Kuantitatif dan Kualitatif Potensi Likuefaksi di Area Tanah Kepasiran Medium–Padat Dekat Sesar Opak. *Jurnal Jalan-Jembatan*, 39(2), 74–87.