

DAFTAR PUSTAKA

- AASHTO, 1993. *AASHTO Guide for Design of Pavements Structures*. United States: American Associates of the State Highway and Transportation Officials.
- Adityawarman, B., 2001. *Sirkuit Balap Mobil di Yogyakarta*. Yogyakarta: Universitas Islam Indonesia.
- Badan Standardisasi Nasional, 2008. *SNI 4153:2008 Cara uji penetrasi lapangan dengan SPT*. Jakarta: Badan Standardisasi Nasional.
- Bina Marga, 2013. *Manual Desain Perkerasan*, Indonesia: Kementerian Pekerjaan Umum dan Perumahan Rakyat, Direktorat Jenderal Bina Marga.
- Bina Marga, 2017. *Manual Desain Perkerasan*, Indonesia: Kementerian Pekerjaan Umum dan Perumahan Rakyat, Direktorat Jenderal Bina Marga.
- Brinkgreve, R., 2002. *PLAXIS 2D – Version 8 Manual*. Netherlands: A.A. Balkena Publishers.
- Brinkgreve, R., 2015. *PLAXIS 2D Reference Manual 2015*. Netherlands: A.A. Balkena Publishers.
- Boatwright, J., Thywissen, K., Seekins, L. C., 2001. *Correlation of Ground Motion and Intensity for the 17 January 1994*. Northridge, California:
- Civil Engineering Pavements, 1985. *NAVFAC DM 5.4*. Alexandria, Virginia: Department of the Navy Naval Facilities Engineering Command.
- Coduto, D., Kitch, W., dan Young, M., 2015. *Foundation Design: Principles and Practices, 3rd edition*. California: Prentice-Hall, Inc.
- Craig, R., 2004. *Craig's Soil Mechanics, 7th edition*. London: Spon Press.
- Das, B., 2010. *Principles of Geotechnical Engineering, 7th edition*. United States: Cengage Learning.
- Day, R., 2012. *Geotechnical Earthquake Engineering Handbook – With the 2012 International Building Code, 2nd Edition*. United States: The McGraw-Hill Companies, Inc.
- Earth, G. (2020, September 15). Retrieved from <https://earth.google.com/web/search/Mandalika,+Mataram+City,+West+Nusa+Tenggara,+Indonesia/@-8.59868316,116.15324957,50.89578183a,1797.92161229d,35y,-14.12367609h,44.96399761t,->
- Fard, M., Babazadeh, M., dan Yousefzadeh, P., 2013. *Soil Liquefaction Analysis Based on Geotechnical Exploration and In Situ Test Data in the Tabriz Metro Line 2*. Chicago: International Conference on Case Histories in Geotechnical Engineering 31.

- Federation Internationale de Motocyclisme, 2000. *FIM Standards for Road Racing Circuits*. Suisse, Switzerland: *Federation Internationale de Motocyclisme*.
- Hardiyatmo, H. C., 2014. *Analisis & Perancangan Fondasi I, Edisi ke-3*. Yogyakarta: Gadjah Mada University Press.
- Hardiyatmo, H. C., 2017. *Mekanika Tanah I, Edisi ke-7*, Yogyakarta: Gadjah Mada University Press.
- Hatmoko, J., dan Lulie, Y., 2008. *Evaluasi Potensi Pencairan Tanah (Liquefaction) akibat Gempa, Studi Kasus: Bagian Timur Kota Yogyakarta*. Yogyakarta: Universitas Atma Jaya Yogyakarta.
- Heukolom, W., dan Klomp, A., 1962. *Dynamic Testing as a Means of Controlling Pavements During and After Construction*. Michigan, USA: Proceedings of the International Conference on the Structural Design on Asphalt Pavement.
- Hussin, J., 2006. *Methods of Soft Ground Improvements*. Taylor & Francis Group, LLC.
- Idriss, I., dan Boulanger, R., 2008. *Soil Liquefaction during Earthquake*, California: Earthquake Engineering Research Institute.
- Idriss, I., Seed, H., Makdisi, F., dan Banerjee, N., 1975. *Representation of Irregular Stress Time Histories by Equivalent Uniform Stress Series in Liquefaction Analysis*. Berkeley, California: Earthquake Engineering Research Center, College of Engineering, University of California.
- Idriss, I., dan Seed, H., 1982. *Ground Motions and Soil Liquefaction During Earthquakes*. Oakland: Earthquake Engineering Research Institute.
- Ishikara, K., 1985. *Stability of Natural Deposits during Earthquake*. Rotterdam, Netherlands: 11th International Conference on Soil Mechanics and Foundation Engineering Volume I.
- Iwasaki, T., Arakawa, T., dan Tokida, K., 1984. *Simplified Procedures for Assessing Soil Liquefaction during Earthquakes*. Southampton: Soil Dynamics and Earthquake, Vol. 3.
- Jiang, T., dan Juang, C., 2000. *Assesing Probabilistic Methods for Liquefaction Potential Evaluation*. Denver: Proceedings of the GeoDenver Conference – Soil Dynamics and Liquefaction.
- Jie Han, 2015. *Principles and Practices on Ground Improvements*. Hoboken, New Jersey: John Wiley & Sons, Inc.
- Kramer, S., 1996. *Geotechnical Earthquake Engineering, 1st Edition*. New Jersey: Prentice-Hall, Inc.

- Kumalasari, H., 2016. *Analisis Potensi Likuifaksi pada Pasir Seragam (Keisha No. 4), Studi Kasus: Eksperimental dengan Uji Triaksial Siklik dan Analisis Empiris*. Yogyakarta: Gadjah Mada University Press.
- Kumar, S., 2001. *Reducing Liquefaction Potential Using Dynamic Compaction and Construction of Stone Column*. New York: Geotechnical and Geological Engineering.
- Lambe, W. T., dan Whitman, R. V., 1969. *Soil Mechanics*. New York: John Wiley & Sons.
- Lukas, R., 1995. *Geotechnical Engineering Circular No. 1 Dynamic Compaction*. Northbrook, Illinois: Federal Highway Administration.
- Mayne, P., Jones, J., dan Dumas, J., 1984. *Ground Response to Dynamic Compaction*. Atlanta, Georgia: Journal of Geotechnical Engineering, 110: 6.
- McManus, K., dan Cubrinovski, M., 2016. *Earthquake Geotechnical Engineering Module 1 – Overview of the Guidelines*. New Zealand: New Zealand Geotechnical Society, Inc.
- Meyerhof, G., 1956. *Penetration Tests and Bearing Capacity of Cohesionless Soils, 2nd edition*. ASCE.
- Moseley, M., dan Kirsch, A., 1962. *Ground Improvements, 2nd edition*. Abingdon, Oxon: Spon Press.
- Nugroho, W., dan Asbah, Z., 2006. *Pengembangan Sirkuit Tawang Mas Semarang Menjadi Sirkuit Balap Mobil*. Semarang: Universitas Diponegoro.
- Nurizkatilah, 2020. *Analisis Potensi Likuifaksi di Desa Lolu Kota Palu Menggunakan Metode Standard Penetration Test dan Uji Laboratorium Gradasi Butiran pada Area dengan Pergerakan Lateral*. Depok, Indonesia: Universitas Indonesia.
- Pandia, Y., 2019. *Evaluasi Potensi Likuifaksi, Studi Kasus Area Landas Pacu New Yogyakarta International Airport*. Yogyakarta: Universitas Gadjah Mada.
- Panguriseng, D., 2017. *Dasar-Dasar Teknik Perbaikan Tanah*. Yogyakarta: Imprint Penerbit, YLJK2 Yogyakarta.
- Permadi, A., 2018. Diambil dari Kompas.com: <https://regional.kompas.com/read/2018/08/08/14024381/magnitudo-70-jadi-gempa-terbesar-dalam-sejarah-lombok?page=all>.
- Rauch, A. F., 1998. *Evaluating Cyclic Liquefaction Potential Using Cone Penetration Test*. Ottawa, Canada: Geotech J.
- Sanglerat, G., 1972. *The Penetrometers and Spoil Exploration*, Amsterdam: J. H. Schmertmann.

- Schneider, J., dan Mayne, P., 1999. *Soil Liquefaction Response in Mid-America Evaluated by Seismic Piezocone Tests*. Atlanta, Georgia: Georgia Institute of Technology.
- Seed, R., Cetin, K., dan Moss, R., 2003. *Recent Advances in Soil Liquefaction Engineering: A Unified and Consistent Framework*. Berkeley: California, Earthquake Engineering Research Center.
- Seed, H., Tokimatsu, K., Harder, L., dan Chung, R., 1985. *Influence of SPT Procedures in Soil Liquefaction Resistance Evaluations*. Journal of Geotechnical Engineering, 111: 12.
- Surkirman, S., 1999. *Dasar-Dasar Perencanaan Geometrik Jalan*. Bandung: Nova.
- Tim Revisi Peta Gempa Indonesia, 2017. *Peta Zonasi Gempa Indonesia*, Jakarta: Kementerian Pekerjaan Umum dan Perumahan Rakyat.
- Tsuchida, H., 1970. *Prediction and Countermeasure against Liquefaction in Sand Deposits, Abstract of the Seminar of the Port and Harbour Research Institute*. Yokosuka, Japan: Ministry of Transport.
- Youd, T. L., dan Idriss, I. M., 1997. *Proceedings of the NCEER Workshop on Evaluation of Liquefaction Resistance of Soils*. Utah: Technical Report NCEER.
- Youd, T. L., dan 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*. ASCE Journal of Geotechnical and Engineering, 127: 10.
- Whitman, R., dan Liao, S., 1986. *Overburden Correction Factor for SPT in Sand*. ASCE Journal of Geotechnical Engineering, 112: 373-377.
- Wibowo, J., 2017. *Analisis Desain Perkerasan Jalan Metode Bina Marga 1987, Bina Marga 2002, dan Evaluasi Struktur Perkerasan Jalan (Studi Kasus: Ruas Pelebaran Jalan Bantal – Mukomuko Bengkulu)*. Surakarta: Universitas Muhammadiyah Surakarta.