

DAFTAR PUSTAKA

- Al-Ne'aimi, R. M. S., & Nasir, H. K. (2023). Numerical study of design parameters influencing anchored diaphragm walls for deep excavation. *Innovative Infrastructure Solutions*, 8(11).
<https://doi.org/10.1007/s41062-023-01261-z>
- Ameratunga, J., Sivakugan, N., & Das, B. M. (2016). *Correlations of Soil and Rock Properties in Geotechnical Engineering* (B. M. Das & N. Sivakugan, Ed.). Springer India. <https://doi.org/10.1007/978-81-322-2629-1>
- Anthony, A., Wahyuningtyas, I. S., & Farkhantiansyah, A. (2024). Case Study of Double-Wall Retaining Wall System for Deep Excavation in Jakarta, Indonesia. *Indonesian Geotechnical Journal*, 3(3), 1–16.
<https://doi.org/10.56144/igj.v3i3.103>
- Arslan, E., Akmaz, E., Çakır, U. F., Öztürk, Ö., Pir, H., Acartürk, S., Akça, N. Ç., Karakuş, Y., & Sert, S. (2025). Finite Element Modeling with Sensitivity and Parameter Variation Analysis of a Deep Excavation: From a Case Study. *Buildings*, 15(5), 658.
<https://doi.org/10.3390/buildings15050658>
- ASTM International. (2021). *ASTM D6230-21e1: Standard Test Method for Monitoring Ground Movement Using Probe-Type Inclinometers*.
<https://doi.org/10.1520/D6230-21E01>
- Badan Standardisasi Nasional. (2017). *SNI 8460:2017 Persyaratan Perancangan Geoteknik*. Badan Standardisasi Nasional.
- Brinkgreve, R. B. J., Engin, E., & Engin, H. K. (2010). Validation of empirical formulas to derive model parameters for sands. *Numerical Methods in Geotechnical Engineering - Proceedings of the 7th European Conference on Numerical Methods in Geotechnical Engineering*, 137–142.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84860242621&partnerID=40&md5=9e87b2a4c974b1b43a933859488e3f4d>
- Chiu, H. W., Hsu, C. F., Tsai, F. H., & Chen, S. L. (2024). Influence of Different Construction Methods on Lateral Displacement of Diaphragm Walls in Large-Scale Unsupported Deep Excavation. *Buildings*, 14(1).
<https://doi.org/10.3390/buildings14010023>
- Das, B. M. ., & Sobhan, Khaled. (2018a). *Principles of geotechnical engineering*. Cengage Learning.

- Das, B. M., & Sobhan, K. (2018b). *Principles of Geotechnical Engineering* (9 ed.). Cengage Learning. www.konkur.in
- Duncan, J. M., & Seed, R. B. (1986). Compaction-Induced Earth Pressures Under K0-Conditions. *Journal of Geotechnical Engineering*, 112(1), 1–22. [https://doi.org/10.1061/\(ASCE\)0733-9410\(1986\)112:1\(1\)](https://doi.org/10.1061/(ASCE)0733-9410(1986)112:1(1))
- Dunnicliff, John., & Green, G. E. . (1993). *Geotechnical instrumentation for monitoring field performance*. John Wiley & Sons.
- Dwiyanto, M., Prakasa, A., Sucitra Amansah, M., & Darwis, I. (2023). Studi Komparasi Analisis Numerik 2D dan 3D pada Kasus Galian Dalam di Jakarta Pusat dengan Metode Elemen Hingga Comparative Study of 2D and 3D Numerical Analysis of Deep Excavation Cases in Central Jakarta using the Finite Element Method. Dalam *Journal of Applied Civil and Environmental Engineering* (Vol. 3, Nomor 2).
- Ganjaliipour, K. (2021). Review of Inclinomater Errors and Provide Correction Methods for Bias shift Error and Depth Position Error of the Probe. *Geotechnical and Geological Engineering*, 39(6), 4017–4034. <https://doi.org/10.1007/s10706-021-01743-w>
- Hacini, S., Benmeddour, D., & Baheddi, M. (2025). Comparative Assessment of Mohr-Coulomb and Hardening Soil Models for Deep Excavation Design in Stratified Soils: Insights from Numerical and Field Data. *International Journal of Computational and Experimental Science and Engineering*, 11(4). <https://doi.org/10.22399/ijcesen.3967>
- Hsiung, B.-C. B., Yang, K.-H., Aila, W., & Ge, L. (2018). Evaluation of the wall deflections of a deep excavation in Central Jakarta using three-dimensional modeling. *Tunnelling and Underground Space Technology*, 72, 84–96. <https://doi.org/10.1016/j.tust.2017.11.013>
- Hsu, C. F., Huang, C., Li, Y. F., & Chen, S. L. (2024). Evaluating the Effects of Deep Excavation on Nearby Structures Through Numerical Simulation. *Applied Sciences (Switzerland)*, 14(21). <https://doi.org/10.3390/app142110002>
- Huynh, Q. T., Lai, V. Q., Boonyatee, T., & Keawsawasvong, S. (2022). Verification of soil parameters of hardening soil model with small-strain stiffness for deep excavations in medium dense sand in Ho Chi Minh City, Vietnam. *Innovative Infrastructure Solutions*, 7(1), 15. <https://doi.org/10.1007/s41062-021-00621-x>
- Kulhawy, F. H., & Mayne, P. W. (1990). Manual on Estimating Soil Properties for Foundation Design. Dalam *EPRI EL-6800, Research Project 1493-6, Final Report*. Electric Power Research Institute. <https://www.osti.gov/biblio/6653074>

- Kusuma, R. I., Mina, E., & Amala, W. R. (2019). Analisis Deformasi Lateral Diaphragm Wall dan Dewatering Pada Konstruksi Basement (Studi kasus: Proyek The Ayoma Apartment, Serpong, Tangerang Selatan). Dalam *Jurnal Fondasi* (Vol. 8).
- Maharani, T., Nurtjahjaningtyas, I., & Wicaksono, L. A. (2021). Desain Ulang Dinding Penahan Tanah Menggunakan Dinding Diafragma dan Angkur pada Tanah Lunak (Studi Kasus: Grand Dharmahusada Lagoon). *Jurnal Rekayasa Sipil dan Lingkungan*, 5, 142.
<https://doi.org/10.19184/jrsl.v5i2.19035>
- Malik, A. A., Dora, G., Derar, R., & Naeem, M. (2019). Diaphragm wall supported by ground anchors and inclined struts: A case study. *International Journal of GEOMATE*, 16(57), 150–156.
<https://doi.org/10.21660/2019.57.8170>
- Nasir, H. K., & Al-Ne'aimi, R. M. S. (2024). Deep Excavation Analysis Supported by Anchored Diaphragm Walls: A comparison of Constitutive Models. *Academic Journal of Nawroz University*, 13(1), 186–204.
<https://doi.org/10.25007/ajnu.v13n1a1646>
- Ou, C.-Y., & Shiau, B.-Y. (1998). Analysis of the corner effect on excavation behaviors. *Canadian Geotechnical Journal*, 35(3), 532–540.
<https://doi.org/10.1139/t98-013>
- Sabina, N., Chaidir, D., & Makarim, A. (2020). Proses Analisa Dinding Galian Basement 7 Lantai Dengan Metode Elemen Hingga. Dalam *JMTS: Jurnal Mitra Teknik Sipil* (Vol. 3, Nomor 1).
- Seequent. (2025). *PLAXIS 2D 2025.1 Materials Models Manual*. Bentley Systems.
- Skempton, A. W. (1986). Standard penetration test procedures and the effects in sands of overburden pressure, relative density, particle size, ageing and overconsolidation. *Géotechnique*, 36(3), 425–447.
<https://doi.org/10.1680/geot.1986.36.3.425>
- SNI 2847:2019 Persyaratan beton struktural untuk bangunan gedung dan penjelasan (2019).
- Tazakka, M. S., & Tirta, B. A. (2024). Direct Field Curve Fitting Method to Determine Hardening Soil Parameter for Geotechnical Projects. *IOP Conference Series: Earth and Environmental Science*, 1373(1).
<https://doi.org/10.1088/1755-1315/1373/1/012044>
- Terzaghi, Karl., Peck, R. B. ., & Mesri, Gholamreza. (1996). *Soil mechanics in engineering practice* (3 ed.). John Wiley & Sons.

Wei, G., Feng, W., Wu, X., Wu, P., Chang, K., Li, H., Ye, S., & Wang, Z. (2025). Model Tests of the Influence of Excavation Unloading and Servo Loading on Subway Foundation Pits. *Buildings*, 15(12).
<https://doi.org/10.3390/buildings15122054>

Yang, K., Jiang, M., Chi, M., & Feng, G. (2025). Numerical Analysis of Diaphragm Wall Deformation and Surface Settlement Caused by Dewatering and Excavation at Center and End Positions in a Subway Foundation Pit. *Buildings*, 15(15).
<https://doi.org/10.3390/buildings15152796>

Yang, M., Wu, R., Tong, C., Chen, J., & Tang, B. (2024). Displacement Analyses of Diaphragm Wall in Small-Scale Deep Excavation Considering Joints between Panels. *Buildings*, 14(5), 1449.
<https://doi.org/10.3390/buildings14051449>

Youd, T. L., & Idriss, I. M. (2001). Liquefaction Resistance of Soils: Summary Report from The 1996 NCEER and 1988 NCEER/NSF Workshops on Evaluation of Liquefaction Resistance of Soils. *Journal of Geotechnical and Geoenvironmental Engineering*.