

DAFTAR PUSTAKA

- Abdulrahman, S. M., Al Kindi, G. Y., & Ihsan, E. A. A. (2024). Sustainable Stabilization of Clay Soil with Rice Husk Ash. *Journal of Engineering and Technological Sciences*, 56(4), 450–462. <https://doi.org/10.5614/j.eng.technol.sci.2024.56.4.2>
- Abhishek, A., Guharay, A., Raghuram, A. S. S., & Hata, T. (2024). A State-of-the-Art Review on Suitability of Rice Husk Ash as a Sustainable Additive for Geotechnical Applications. *Indian Geotechnical Journal*, 54(3), 910–944. <https://doi.org/10.1007/s40098-024-00905-w>
- Adajar, M. A. Q., Aquino, C. J. P., dela Cruz, J. D., Martin, C. P. H., & Urieta, D. K. G. (2019). Investigating the effectiveness of rice husk ash as stabilizing agent of expansive soil. *International Journal of GEOMATE*, 16(58), 33–40. <https://doi.org/10.21660/2019.58.8123>
- Al-Gharbawi, A. S. A., Najemalden, A. M., & Fattah, M. Y. (2024). Studying the Behavior of Expansive Soil Reinforced by Micropiles. *Civil Engineering Journal (Iran)*, 10(1), 265–279. <https://doi.org/10.28991/CEJ-2024-010-01-017>
- Ali, L. H., & Atemimi, Y. K. (2024). Effective Use of Pozzolanic Materials for Stabilizing Expansive Soils: A Review. *IOP Conference Series: Earth and Environmental Science*, 1374(1). <https://doi.org/10.1088/1755-1315/1374/1/012014>
- Basheer, N., Sobti, J., & Khanam, N. (2021). Potential of Reuse Options of Rice Husk Ash in Various Applications. *Lecture Notes in Civil Engineering*, 118 LNCE, 41–50. https://doi.org/10.1007/978-981-15-9988-0_5
- Chen, R., Congress, S. S. C., Cai, G., Duan, W., & Liu, S. (2021). Sustainable utilization of biomass waste-rice husk ash as a new solidified material of soil in geotechnical engineering: A review. *Construction and Building Materials*, 292, 123219. <https://doi.org/10.1016/j.conbuildmat.2021.123219>
- Darmiyanti, L., Munawir, A., Rachmansyah, A., Zaika, Y., & Suryo, E. A. (2023). Identification of the Influence of Electrokinetic Soil Improvement on the Microstructure, Physical and Mechanical Properties of Expansive Soil. *Eastern-European Journal of Enterprise Technologies*, 6(6(126)), 41–50. <https://doi.org/10.15587/1729-4061.2023.290234>
- Daud, N. N. N., Daud, M. N. M., & Muhammed, A. S. (2018). Rice husk ash (RHA) as a partial cement replacement in modifying peat soil properties. *AIP Conference Proceedings*, 1930(February). <https://doi.org/10.1063/1.5022940>
- Dave, T. N., & Siddiqui, A. K. (2020). A Review of Expansive Soil—Effects and Mitigation Techniques. In *Lecture Notes in Civil Engineering* (Vol. 56, pp. 519–527). https://doi.org/10.1007/978-981-15-0890-5_43

- Far, H., & Flint, D. (2017). Significance of using isolated footing technique for residential construction on expansive soils. *Frontiers of Structural and Civil Engineering*, 11(1), 123–129. <https://doi.org/10.1007/s11709-016-0372-8>
- Fondjo, A. A., Theron, E., & Ray, R. P. (2021). Stabilization of Expansive Soils Using Mechanical and Chemical Methods: A Comprehensive Review. *Civil Engineering and Architecture*, 9(5), 1289–1294. <https://doi.org/10.13189/cea.2021.090503>
- Gupta, D., & Kumar, A. (2017). Performance evaluation of cement-stabilized pond ash-rice husk ash-clay mixture as a highway construction material. *Journal of Rock Mechanics and Geotechnical Engineering*, 9(1), 159–169. <https://doi.org/10.1016/j.jrmge.2016.05.010>
- Hung, P. V., Linh, V. Q., Anh, V. C., Tien, D. T., Tuan, N. Q., Hanh, T. D., Phu, D. Van, Thanh, N. T., Phuong, P. X., & Phuc, P. T. T. (2024). Optimizing Amorphous Silica Recovery from Rice Husk Cultivated under Different Soils for Supplementary Cementitious Material Application. *Advances in Science and Technology Research Journal*, 18(5), 258–267. <https://doi.org/10.12913/22998624/1911110>
- Jain, A., Choudhary, A. K., & Jha, J. N. (2020). Influence of Rice Husk Ash on the Swelling and Strength Characteristics of Expansive Soil. *Geotechnical and Geological Engineering*, 38(2), 2293–2302. <https://doi.org/10.1007/s10706-019-01087-6>
- Jiang, X., Huang, Z., Ma, F., & Luo, X. (2019). Analysis of strength development and soil-water characteristics of rice husk ash-lime stabilized soft soil. *Materials*, 12(23). <https://doi.org/10.3390/ma122333873>
- Li, B., Luo, F., Li, X., & Liu, J. (2024). Mechanical properties evolution of clays treated with rice husk ash subjected to freezing-thawing cycles. *Case Studies in Construction Materials*, 20(October 2023), e02712. <https://doi.org/10.1016/j.cscm.2023.e02712>
- Liu, Y., Su, Y., Namdar, A., Zhou, G., She, Y., & Yang, Q. (2019). Utilization of cementitious material from residual rice husk ash and lime in stabilization of expansive soil. *Advances in Civil Engineering*, 2019. <https://doi.org/10.1155/2019/5205276>
- Mehta, B., & Sachan, A. (2017). Effect of Mineralogical Properties of Expansive Soil on Its Mechanical Behavior. *Geotechnical and Geological Engineering*, 35(6), 2923–2934. <https://doi.org/10.1007/s10706-017-0289-6>
- Mostazid, M. I. (2024). Effect of rice husk ash on soil stabilization at Dinajpur City. *Brilliant Engineering*, 4(4), 1–5. <https://doi.org/10.36937/ben.2023.4885>
- Nahar, N., Owino, A. O., Khan, S. K., Hossain, Z., & Tamaki, N. (2021). Effects of controlled burn rice husk ash on the geotechnical properties of soil. *Journal of Agricultural Engineering*, 52(4). <https://doi.org/10.4081/JAE.2021.1216>

- Sujatha, E. R., Abijayan, M., Vignesh, M., & Shriram, V. (2021). Effect of Rice Husk Ash on the Behaviour of Highly Compressible Clay. *Lecture Notes in Civil Engineering*, 136 LNCE, 149–157. https://doi.org/10.1007/978-981-33-6444-8_13
- Swapna Varma, S., Gupta, M., & Chitra, R. (2021). Predictive Models for Estimation of Swelling Characteristics of Expansive Soils Based on the Index Properties. *Lecture Notes in Civil Engineering*, 88, 537–548. https://doi.org/10.1007/978-981-15-6237-2_45
- Taha, M. M. M., Feng, C. P., & Ahmed, S. H. S. (2021). Modification of mechanical properties of expansive soil from north china by using rice husk ash. *Materials*, 14(11), 1–13. <https://doi.org/10.3390/ma14112789>
- Zhu, H., Liang, G., Zhang, Z., Wu, Q., & Du, J. (2019). Partial replacement of metakaolin with thermally treated rice husk ash in metakaolin-based geopolymer. *Construction and Building Materials*, 221, 527–538. <https://doi.org/10.1016/j.conbuildmat.2019.06.112>