

DAFTAR PUSTAKA

- Adolph, R. (2016). *Kajian Teknis Desain Dan Manajemen Penimbunan*. 1–23.
- Auliya, N. H., Andriani, H., Fardani, R. A., Ustiawaty, J., Utami, E. F., Sukmana, D. J., & Istiqomah, R. R. (n.d.). *No Title*.
- Cárdenas-Barrantes, M., & Ovalle, C. (2025). Effect of friction on the angle of repose of elongated particles. *Powder Technology*, 458(March), 120974. <https://doi.org/10.1016/j.powtec.2025.120974>
- Chen, Z., Che, G., Wan, L., Wang, H., & Zhang, K. (2025). Calibration and Experimental Validation of Discrete Element Parameters for Long-Grain Rice with Different Moisture Contents Based on Repose Angle. *Agriculture (Switzerland)*, 15(10). <https://doi.org/10.3390/agriculture15101058>
- Dermawan, H., & Hasibuan, A. (2025). *Metode Penelitian Eksperimen : Prinsip , Prosedur , dan Aplikasi dalam Penelitian Ilmiah*. 4–7.
- Desrinaldi, A., Gumanti, S., & Husni, A. (2025). Evaluasi Pola Penimbunan Batubara Dalam Upaya Pencegahan Terjadinya Swabakar Pada Area ROM Stockpile PT Duta Bara Utama, Muara Enim. *HUMANIORASAINS Jurnal Humaniora dan Sosial Sains*, 2(3), 3032–5463.
- Dong, H., Wang, J., Zhang, D., Xu, Y., & Li, Z. (2022). *Microscopic Mechanism Angle of Repose in Friable Loess and Its Relationship With Slope Angle*. 9(January), 1–12. <https://doi.org/10.3389/feart.2021.777467>
- Easter, P., Long-Fox, J., Britt, D., & Brisset, J. (2024). The effect of particle size distribution on lunar regolith simulant angle of repose. *Advances in Space Research*, 74(7), 3437–3447. <https://doi.org/10.1016/j.asr.2024.06.042>
- Elekes, F., & Parteli, E. J. R. (2021). An expression for the angle of repose of dry cohesive granular materials on Earth and in planetary environments. *Proceedings of the National Academy of Sciences of the United States of America*, 118(38). <https://doi.org/10.1073/pnas.2107965118>
- Fu, J., Chen, C., Ferellec, J., & Yang, J. (2020). *Effect of Particle Shape on Repose Angle Based on Hopper Flow Test and Discrete Element Method*. 2020. <https://doi.org/10.1155/2020/8811063>
- Harris, W. M., Murdza, A., & Schulson, E. M. (2024). Angle of repose of granulated ice: effect of wood ash. *Journal of Glaciology*, 70, 4–6. <https://doi.org/10.1017/jog.2024.18>
- Hidayahi Nur Ichram, Trianda Obrin, & Trisnaning Tedja Paramitha. (2023). 4538-Article Text-12351-1-10-20231102. 2023(November), 508–516.
- Kajiya, S., Nakata, Y., & Nakase, H. (2024). Fundamental study on the effect of grain size distribution on angle of repose. *E3S Web of Conferences*, 544. <https://doi.org/10.1051/e3sconf/202454401007>
- Lanzerstorfer, C. (2017). Dusts from dry off-gas cleaning : comparison of flowability determined by angle of repose and with shear cells. *Granular Matter*, 19(3), 1–7. <https://doi.org/10.1007/s10035-017-0745-2>

- Li, M., Yu, Y., & Saxén, H. (2025). Computational study of the effect of friction coefficients and particle shape on the repose angle and porosity of sinter piles. *Particuology*, 98, 231–240. <https://doi.org/10.1016/j.partic.2025.01.020>
- Listyawan, A. B., Wiqoyah, Q., & Pradana, A. G. (2020). *Sudut Tenang Pasir Pantai dan Pasir Merapi Pada Kondisi Runtuh Dengan Variasi Kadar Lempung*. 4(2), 161–171.
- Macho, O., Peciar, P., & Fekete, R. (2020). *ANALYSIS OF STATIC ANGLE OF REPOSE WITH RESPECT TO*. 60(1), 73–80. <https://doi.org/10.14311/AP.2020.60.0073>
- Maroof, A. (2025). Antlion sand interaction: A study of repose angle. *Biogeotechnics*, 3(4), 100142. <https://doi.org/10.1016/j.bgtech.2024.100142>
- Mollick, P. K., Tellabide, M., Bolaños, M., Estiati, I., Sukunza, X., & Olazar, M. (2024). Sensitive dependency of minimum spouting velocity on angle of repose of solid particles and cone angle in conical spouted beds. *Powder Technology*, 436(December 2023), 0–5. <https://doi.org/10.1016/j.powtec.2024.119504>
- Müller, D., Fimlinger, E., & Brand, C. (2021). Algorithm for the determination of the angle of repose in bulk material analysis. *Powder Technology*, 383, 598–605. <https://doi.org/10.1016/J.POWTEC.2021.01.010>
- Rackl, M., & Grötsch, F. E. (2018). Data Descriptor : 3 D scans , angles of repose and bulk densities of 108 bulk material heaps. *Nature Publishing Group*, 1–8. <https://doi.org/10.1038/sdata.2018.102>
- Rackl, M., Grötsch, F. E., & Günthner, W. A. (2017). *Angle of repose revisited : When is a heap a cone ?* 02002, 1–4.
- Schlick-hasper, E., Bethke, J., & Goedecke, T. (2023). *How to measure the angle of repose of hazardous substances in the test centres for dangerous goods packagings*. May, 803–822. <https://doi.org/10.1002/pts.2756>
- Schlick-Hasper, E., Bethke, J., Vogler, N., & Goedecke, T. (2022). Flow properties of powdery or granular filling substances of dangerous goods packagings—Comparison of the measurement of the angle of repose and the determination of the Hausner ratio. *Packaging Technology and Science*, 35(10), 765–782. <https://doi.org/10.1002/pts.2678>
- Series, C. (2022). *Experimental investigation of pile characteristics of non-spherical particles mixtures : pile height and angle of repose* *Experimental investigation of pile characteristics of non-spherical particles mixtures : pile height and angle of repose*. <https://doi.org/10.1088/1742-6596/2243/1/012079>
- Widjaja, B. (2019). *STUDI ANGLE OF REPOSE MUD VOLCANO*. 4(2007), 96–101.
- Willibald, C., Löwe, H., Theile, T., & Dual, J. (2020). *Angle of repose experiments with snow : role of grain shape and cohesion*. 1–9.
- Yang, Q., Shi, L., Shi, A., He, M., Zhao, X., Zhang, L., & Addy, M. (2023).

Determination of key soil characteristic parameters using angle of repose and direct shear stress test. 16(3), 143–150.
<https://doi.org/10.25165/j.ijabe.20231603.6293>