

DAFTAR PUSTAKA

- Abd Ali, N. S., Joni, H. H., & Al-Rubaei, R. H. A. (2024a). Evaluation of reclaimed asphalt mixtures rejuvenated with *Waste Engine Oil* to resist rutting deformation. *Open Engineering*, 14(1). <https://doi.org/10.1515/eng-2022-0555>
- Abd Ali, N. S., Joni, H. H., & Al-Rubaei, R. H. A. (2024b). *Evaluation of reclaimed asphalt mixtures rejuvenated with Waste Engine Oil to resist rutting deformation.*
- Abdelmagid, A. A. A., Qiu, Y., & Yang, E. (2023). Case Studies in Construction Materials Using agricultural residue sustainably : Enhancing asphalt properties with *Rice Husk Ash* and analyzing its mixture performance using response surface methodology. *Case Studies in Construction Materials*, 19(September), e02476. <https://doi.org/10.1016/j.cscm.2023.e02476>
- Abdelrahman, A. R., Saleh, A. M., Farag, R. K. K., & Mostafa, A. E. E. A. (2024). Toward Sustainable Green Asphalt Pavement Mixture Using RAP And *Waste Engine Oil*. *Trends in Advanced Sciences and Technology*, 1(1), 112–126. <https://doi.org/10.62537/2974-444X.1005>
- Al-ammari, M., Dong, R., Nasser, M., & Al-maswari, A. (2025). *Innovative Machine Learning Approaches for Predicting the Asphalt Content During Marshall Design of Asphalt Mixtures.* 1–17.
- Al-Saffar, Z. H., Yaacob, H., Satar, M. K. I. M., Kamarudin, S. N. N., Mahmud, M. Z. H., Ismail, C. R., Hassan, S. A., & Mashros, N. (2021). A review on the usage of *Waste Engine Oil* with aged asphalt as a rejuvenating agent. *Materials Today: Proceedings*, 42, 2374–2380. <https://doi.org/10.1016/j.matpr.2020.12.330>
- Ali, N. S. A., Joni, H. H., & Al-rubaei, R. H. A. (2024). *Effect of asphalt modified with Waste Engine Oil on the durability properties of hot asphalt mixtures with Reclaimed Asphalt Pavement.*

- Awan, H. H., Hussain, A., Javed, M. F., Qiu, Y., Alrowais, R., Mohamed, A. M., Fathi, D., & Alzahrani, A. M. (2022). Predicting Marshall *Flow* and Marshall Stability of Asphalt Pavements Using Multi Expression Programming. *Buildings*, 12(3), 1–20. <https://doi.org/10.3390/buildings12030314>
- Ayun, Q., & Prastyanto, C. A. (2021). Analisis Pengaruh Variasi Gradasi Aspal Porus Terhadap Parameter Marshall dan Permeabilitas. *Jurnal Aplikasi Teknik Sipil*, 19(1), 55. <https://doi.org/10.12962/j2579-891x.v19i1.8482>
- Bakri, M. D. (2025). *Alternatif Tebal Perkerasan Jalan Lentur Menggunakan Metode MDP 2024 untuk Jalan Lingkungan Kampus Universitas Borneo Tarakan*. 9(1), 108–121.
- Bhatt, B., & Wu, S. (2025a). A comprehensive state-of-art review on the use of *rejuvenators* in asphalt pavement. *Journal of Road Engineering*, 5(1), 1–20. <https://doi.org/10.1016/j.jreng.2024.10.001>
- Bhatt, B., & Wu, S. (2025b). A comprehensive state-of-art review on the use of *rejuvenators* in asphalt pavement. *Journal of Road Engineering*, 5(1), 1–20. <https://doi.org/10.1016/j.jreng.2024.10.001>
- Caccavo, D., Iannone, M., Russo, I., Petrucci, A. M., Petrucci, R., Genovese, G., Caliendo, C., & Lamberti, G. (2026). Evaluation of *binder* and mixture performance in crumb rubber asphalt modified with Sasobit. *Construction and Building Materials*, 516(December 2025), 145674. <https://doi.org/10.1016/j.conbuildmat.2026.145674>
- Che, T., Pan, B., Sha, D., Zhang, Y., & You, Z. (2021). Relationship between Air Voids and Permeability: Effect on Water Scouring Resistance in HMA. *Journal of Materials in Civil Engineering*, 33(4). [https://doi.org/10.1061/\(ASCE\)MT.1943-5533.0003642](https://doi.org/10.1061/(ASCE)MT.1943-5533.0003642)
- Cox, B. C., Easterling, J., Sullivan, W. G., Middleton, A., & Howard, I. L. (2022). Data Mining Statewide Department of Transportation Volumetrically Designed Asphalt Mixture Records. *Transportation Research Record: Journal*

of the Transportation Research Board, 2676(5), 242–262.
<https://doi.org/10.1177/03611981211061356>

Deb, P., & Singh, K. L. (2023). *Utilization of Fly Ash and Rice Husk Ash in Cold Mix Asphalt as Filler*. 03009.

Dewi Sri Jayanti, Mior Sani, W. N. H., Zuraini Din, Zaid Hazim Al-Saffar, & Haryati Yaacob. (2025). Sustainable Warm Mix Asphalt: Incorporating Waste Motor Engine Oil for Enhanced Performance. *Current Problems in Research*, 1(2), 84–95. <https://doi.org/10.70028/cpir.v1i2.60>

Direktorat Jenderal Bina Marga. (2024). *Kondisi Jalan Nasional 2024 Semester 2*. Direktorat Jenderal Bina Marga. <https://binamarga.pu.go.id>

Direktorat Jenderal Bina Marga. (2025). *Spesifikasi Umum Direktorat Jenderal Bina Marga*. Direktorat Jenderal Bina Marga, Kementerian Pekerjaan Umum.

El-labbad, E. M., Heneash, U., & El-Badawy, S. M. (2022). Investigation of Waste Electrical Power Plant Oil as a Rejuvenating Agent for Reclaimed Asphalt Binders and Mixtures. *Materials*, 15(14). <https://doi.org/10.3390/ma15144811>

Eltwati, A., Mohamed, A., Hainin, M. R., Jusli, E., & Enieb, M. (2022). Rejuvenation of aged asphalt binders by Waste Engine Oil and SBS blend: Physical, chemical, and rheological properties of binders and mechanical evaluations of mixtures. *Construction and Building Materials*, 346(April), 128441. <https://doi.org/10.1016/j.conbuildmat.2022.128441>

Endale, S. A., Taffese, W. Z., Vo, D., & Yehualaw, M. D. (2023). *Rice Husk Ash in Concrete*.

Fahad, M. (2026). Experimental investigation and finite element analysis of varying bitumen content in asphalt mixtures. *Discover Applied Sciences*, 8(2), 1–20. <https://doi.org/10.1007/s42452-025-08146-z>

Gardete, D., Picado-Santos, L., Capitão, S., & Luzia, R. (2022). Asphalt mix

- design: Discussion on the *bulk* specific gravity procedure influence on the results obtained from empirical, volumetric, and performance-Based methods. *Construction and Building Materials*, 342(May). <https://doi.org/10.1016/j.conbuildmat.2022.127870>
- Gottumukkala, B., Kusam, S. R., Tandon, V., Muppireddy, A. R., & Mullapudi, R. S. (2021). Restriction of RAP% in HMA Based on Aggregate Gradation and Binder Properties. *CivilEng*, 2(3), 811–822. <https://doi.org/10.3390/civileng2030044>
- Han, Z., Cong, P., & Qiu, J. (2022). ScienceDirect Microscopic experimental and numerical research on *rejuvenators*: A review. *Journal of Traffic and Transportation Engineering (English Edition)*, 9(2), 180–207. <https://doi.org/10.1016/j.jtte.2022.01.002>
- Hanggoro, W., Rochmanto, D., & Saputro, Y. A. (2024). Stabilitas Asphalt Concrete - Binder Course antara Agregat Limbah Ayakan Pasir dan Abu Batu. *Portal: Jurnal Teknik Sipil*, 16(2), 56. <https://doi.org/10.30811/portal.v16i2.5304>
- Jasim, S. A., & Ismael, M. Q. (2021). Marshall performance and volumetric properties of styrene-butadiene-styrene modified asphalt mixtures. *Civil Engineering Journal (Iran)*, 7(6), 1050–1059. <https://doi.org/10.28991/cej-2021-03091709>
- Jatoi, G. H., Loprencipe, G., & Moretti, L. (2025). *Comparative Review of Marshall and Superpave Mix Designs : Enhancing Asphalt Performance with Polymers*. 1–18.
- Jiang, T., Fan, Q., Hou, M., Mi, S., & Yan, X. (2023). *Effects of Rejuvenator Dosage , Temperature , RAP Content and Rejuvenation Process on the Road Performance of Recycled Asphalt Mixture*.
- Kementerian Pekerjaan Umum dan Perumahan Rakyat Republik Indonesia. (2023). *PERATURAN MENTERI PUPR REPUBLIK INDONESIA NOMOR 8 TAHUN*

2023 (Number 683). <https://jdih.pu.go.id/>

- Khan, A., Huyan, J., Zhang, R., Zhu, Y., Zhang, W., Ying, G., Ahmad, K. N., & Shah, S. K. (2023). An ensemble tree-Based prediction of Marshall mix design parameters and resilient modulus in stabilized *Base* materials. *Construction and Building Materials*, 401(August), 132833. <https://doi.org/10.1016/j.conbuildmat.2023.132833>
- Khan, M. Z. H., Koting, S., Ibrahim, M. R., Katman, H. Y. B., Babalghaith, A. M., & Asqool, O. (2024). *Optimization of High Reclaimed Asphalt Pavement in Asphalt Wearing Course using Crumb Rubber and Waste Engine Oil* (Number Iccesd 2024). Atlantis Press International BV. https://doi.org/10.2991/978-94-6463-478-5_14
- Khan, N., Karim, F., Latif Qureshi, Q. B. A. I., Mufti, S. A., Rabbani, M. B. A., Khan, M. S., & Khan, D. (2023). Effect of Fine Aggregates and Mineral *Fillers* on the Permanent Deformation of Hot Mix Asphalt. *Sustainability (Switzerland)*, 15(13). <https://doi.org/10.3390/su151310646>
- Khatib, M., & Saleh, Z. A. (2023). Numerical Evaluation of Punching Shear Capacity Between Bonded and Unbonded Post-tensioned Slab Using Inverted-U Shape Reinforcement. In *Lecture Notes in Civil Engineering: 327 LNCE*. https://doi.org/10.1007/978-981-99-2532-2_50
- Kumar, S., & Kumar, S. (2025). Evaluation of Optimum Dosage of Castor *Oil* and *Rice Husk Ash* in Modified Bio - Bitumen Using Response Surface Methodology Based on Bituminous Mix Performance. *International Journal of Pavement Research and Technology*, (iv). <https://doi.org/10.1007/s42947-025-00629-x>
- Le, V. P., Phong, M., Phuc, Q., & Lam, H. (2024). Case Studies in Construction Materials Marshall and Balanced mix design in determining the asphalt content for hot mix asphalt mixture : A comparative study. *Case Studies in Construction Materials*, 21(June), e03753. <https://doi.org/10.1016/j.cscm.2024.e03753>

- Li, W., Cao, W., Ren, X., Lou, S., Liu, S., & Zhang, J. (2022). Impacts of Aggregate Gradation on the Volumetric Parameters and Rutting Performance of Asphalt Concrete Mixtures. *Materials*, 15(14). <https://doi.org/10.3390/ma15144866>
- Li, Y., Abdelmagid, A. A. A., Qiu, Y., Yang, E., & Chen, Y. (2022). *Study on the Aging Mechanism and Microstructure Analysis of*.
- Liao, H., Tavassoti, P., Sharma, A., & Baaj, H. (2023). Evaluation of rutting resistance and *moisture susceptibility* of high RAP content asphalt mixtures containing bio-Based *rejuvenators*. *Construction and Building Materials*, 401(June), 132859. <https://doi.org/10.1016/j.conbuildmat.2023.132859>
- Liu, P., Li, B., Guo, F., Wu, X., & Yao, T. (2025). Study on Refined Crushing Technology of RAP and Mechanical Properties of RAP-Doped Cement-Stabilised Macadam Base. *Materials*, 18(1). <https://doi.org/10.3390/ma18010147>
- LKPP Nomor 16, 1 (2022).
- Madhu, K., Arya, R. J., Shibu, N., & Viswa, G. (2025). Assessing recycled asphalt pavement: Impact of waste cooking oil and Waste Engine Oil as *rejuvenators* on mechanical properties. *Research on Engineering Structures and Materials*, 11(2), 663–678. <https://doi.org/10.17515/resm2024.218me0325rs>
- Manual Desain Perkerasan Jalan*. (2024).
- Mashaan, N. S. (2022). *Rutting Performance of Nano-Silica-Modified C320 Bitumen*. 635–645.
- Mehmood, R., Jakarni, F. M., Muniandy, R., Hassim, S., Nik Daud, N. N., & Ansari, A. H. (2024). Waste Engine Oil as a sustainable approach for asphalt rejuvenation and modification: A review. *Heliyon*, 10(23), e40737. <https://doi.org/10.1016/j.heliyon.2024.e40737>
- Mehmood, R., Mohd, F., & Muniandy, R. (2024). Heliyon Waste Engine Oil as a sustainable approach for asphalt rejuvenation and modification : A review.

- Heliyon*, 10(23), e40737. <https://doi.org/10.1016/j.heliyon.2024.e40737>
- Men, G., Han, F., Chen, Y., Cui, Y., Yan, J., Liang, J., & Wu, Z. (2026). *The Design and Engineering Application of Recycled Asphalt Mixture Based on Waste Engine Oil*. 1–24.
- Mistry, R., Roy, T. K., Aldagari, S., & Fini, E. H. (2023). *Toward Sustainable Green Asphalt Pavement Mixture Using Reclaimed Paving Material and Waste Engine Oil*.
- Mondal, A., & R.N., G. D. R. (2022). Evaluating the engineering properties of asphalt mixtures containing RAP aggregates incorporating different wastes as fillers and their effects on the ageing susceptibility. *Cleaner Waste Systems*, 3(July), 100037. <https://doi.org/10.1016/j.clwas.2022.100037>
- Nadhifah, N., & Susanti, A. (2024). Karakteristik dan Pengujian Penetrasi Aspal Ex. Atlas Dengan Aspal Ex. Pertamina Pada Penetrasi 60/70. *Jurnal Media Publikasi Terapan Transportasi*, 2(1), 91–98. <https://doi.org/10.26740/mitrans.v2n1.p91-98>
- Naufal, A. Y., & Putra, S. (2022). *Durabilitas Campuran AC-WC Berbasis RAP Menggunakan Limbah Arang Tempurung Kelapa Sebagai Bahan Tambah Pada Aspal*. 10(1), 1–14.
- Ngii, E., One, L., Nasrul, N., & Udo, M. I. (2022). Effects of Dammar as the partial substitution of bitumen in HMA AC-WC containing Buton Asphalt. *IOP Conference Series: Earth and Environmental Science*, 1065(1). <https://doi.org/10.1088/1755-1315/1065/1/012019>
- Ochoa-Ambriz, L., Pérez-Rea, M. de la L., Hernández-Padrón, G., Limón-Covarrubias, P., Galaviz-González, J. R., & Avalos-Cueva, D. (2022). Rheological Evaluation of Softened Binders Blended with Aged Asphalt Selected with a High-Temperature Mixing Chart. *Materials*, 15(5). <https://doi.org/10.3390/ma15051775>
- Ogada, J. S. L., Mwea, S. K., & Matheri, G. (2023). Performance of Plastic Waste

- and *Waste Engine Oil* as Partial Replacements of Bituminous Asphalt Concrete in Flexible Pavement. *East African Journal of Engineering*, 6(1), 48–65. <https://doi.org/10.37284/eaje.6.1.1144>
- Othman, K. (2021). Evaluation of the Hot Asphalt Mix Aggregate Gradation Using Bailey Method: A State-of-the-Art. *JES. Journal of Engineering Sciences*, 446–475. <https://doi.org/10.21608/jesaun.2021.71249.1047>
- Pasaribu, H., & Simanullang, M. T. (2021). *HUBUNGAN KEKUATAN TANAH DASAR DENGAN PERKERASAN KAKU (RIGID PAVEMENT)*. 1(1), 1–10.
- Pradhan, S. K. (2023). International Journal of Transportation Short-term and long-term *aging* effect of the rejuvenation on RAP *binder* and mixes for sustainable pavement construction. *International Journal of Transportation Science and Technology*, 12(4), 937–954. <https://doi.org/10.1016/j.ijtst.2022.09.005>
- Prasad, A. N., Saboo, N., & Pani, A. (2026). Exploring the Use of *Waste Engine Oil* as *Rejuvenator* for Hot Mix Recycling. *Transportation Research Record: Journal of the Transportation Research Board*, 2680(3), 191–204. <https://doi.org/10.1177/03611981251337471>
- Pratiwi, L., Putri, E. E., Adji, B. M., & Andriani, A. (2026). *Sustainable Asphalt Mixtures Using Agricultural Waste Fillers : A Systematic Review of Rice Husk Ash , Bagasse Ash and Palm Shell Ash*. 22(1), 209–220. <https://doi.org/10.2478/cee-2026-0014>
- RA, A., Hamka, & Misbahuddin. (2025). *PENGARUH ABU BATU SEBAGAI FILLER PADA CAMPURAN ASPAL AC-WC TERHADAP KEKUATAN DAN STABILITAS*. 01(03), 1298–1310.
- Radziszewski, P., Sarnowski, M., & Pokorski, P. (2021). Assessment of resistance to permanent deformations of asphalt mixes of low air void content. *Open Engineering*, 11(1), 1244–1251. <https://doi.org/10.1515/eng-2021-0120>
- Rahmahima, B. A., Candra, A. I., & Poernomo, Y. C. S. (2020). Penggunaan Biji Jenitri Sebagai Pengganti *Filler* Pada Lapisan Aspal (Ac-Bc) Terhadap Variasi

- Suhu. *Jurnal Manajemen Teknologi & Teknik Sipil*, 3(2), 177.
<https://doi.org/10.30737/jurmateks.v3i2.1073>
- Ramadhani, R., Arliansyah, J., Kadarsa, E., Rahman, H., Jimmyanto, H., Yusuf, A. A., & Imam, M. (2025). Bio-Based Rice Husk Ash as an Eco-Friendly Filler in Pre-Vulcanized Latex Asphalt Concrete Wearing Course Mixtures Bio-Based Rice Husk Ash as an Eco-Friendly Filler in Pre-Vulcanized. *Journal of Natural Fibers*, 22(1). <https://doi.org/10.1080/15440478.2025.2517668>
- Rikambura, V., Mung, M., & Waweru, S. (2024). *Investigation of the Effect of Cement Kiln Dust-Rice Husk Ash Composite Fillers on Volumetrics and Durability Properties of Recycled Hot-Mix Asphalt*. 11(3), 94–106.
- Rout, M. K. D., Sahdeo, S. K., Biswas, S., Roy, K., & Sinha, A. K. (2023). Feasibility Study of *Reclaimed Asphalt Pavements* (RAP) as Recycled Aggregates Used in Rigid Pavement Construction. *Materials*, 16(4), 1–19.
<https://doi.org/10.3390/ma16041504>
- Shi, L., Wang, D., Wang, J., Jiang, Z., Liang, H., & Qin, X. (2020). A New Method for Designing Dense Skeleton Asphalt Mixture Based on Meso Parameter. *Advances in Civil Engineering*, 2020. <https://doi.org/10.1155/2020/3841291>
- Siregar, Z., Asfiati, S., & Gultom, M. H. (2023). Asphalt 60/70 Penetration Analysis of AC/BC Mixture With the Addition of Ethylene Vinyl Acetate (EVA) As Asphalt Raw Material. *Astonjadro*, 12(2), 558–570.
<https://doi.org/10.32832/astonjadro.v12i2.9424>
- Spesifikasi Umum 2025 Pekerjaan Konstruksi Jalan dan Jembatan*. (2025).
- Tang, W., Yu, X., Li, N., Dong, F., Wang, Z., & Zhang, Y. (2021). *Effect of Rejuvenators on the Workability and Performances of Reclaimed Asphalt Mixtures*.
- Tong, J., Ma, T., Shen, K., Zhang, H., & Wu, S. (2022). A criterion of asphalt pavement rutting Based on the thermal-visco-elastic-plastic model. *International Journal of Pavement Engineering*, 23(4), 1134–1144.

<https://doi.org/10.1080/10298436.2020.1792470>

Trevizan, D., Jordi, G., Pavan, E., & Dalla, F. (2023). Transportation Geotechnics *Rice Husk Ash* as an alternative soluble silica source for alkali-activated metakaolin systems applied to recycled asphalt pavement stabilization. *Transportation Geotechnics*, 39(April 2022), 100940. <https://doi.org/10.1016/j.trgeo.2023.100940>

UNDANG-UNDANG REPUBLIK INDONESIA NOMOR 38 TAHUN 2004 TENTANG JALAN, 1.

Vivanco Sala, D., Tran, N., Yin, F., & Bowers, B. F. (2022). Evaluating Impact of Corrected Optimum Asphalt Content and Benchmarking Cracking Resistance of Georgia Mixtures for Balanced Mix Design Implementation. *Transportation Research Record: Journal of the Transportation Research Board*, 2676(5), 13–29. <https://doi.org/10.1177/03611981221082547>

Wijaya, K. P., & Sudibyo, T. (2026). *Utilization of Oil Palm Fiber Agricultural Waste on the Mechanical Characteristics of AC-WC Asphalt Mixtures Using the Dry-Mix Method*. 11(01), 53–64. <https://doi.org/10.29244/jsil.11.1.53-64>

Wu, B., Wu, X., Liu, L., & Xiao, P. (2021). Establishment of a Shear Strength Prediction Model for Asphalt Mixtures with Raw Materials Properties and Design Parameters. *Advances in Civil Engineering*, 2021. <https://doi.org/10.1155/2021/8818088>

Yao, Y., Gao, J., Yang, J., Huang, B., & Song, L. (2022). Sustainable Asphalt Concrete Containing RAP and Coal Gangue Aggregate: Performance, Costs, and Environmental Impact. *Journal of Renewable Materials*, 10(8), 2263–2285. <https://doi.org/10.32604/jrm.2022.018911>

Yi, J., Yuanguang, X., & Zhengjia, L. (2022). *Optimization design and performance evaluation of a novel asphalt rejuvenator*. (December), 1–18. <https://doi.org/10.3389/fmats.2022.1081858>

Yuniarti, R., Widianty, D., Hasyim, Mahendra, M., & Karyawan, I. D. M. A., &

- Salsabila, & Fitri, F. (2023). *Pengaruh Karakteristik Agregat Terhadap Nilai*. 10(1), 29–38.
- Yuniarti, R., Mahendra, M., Hasyim, H., Rohani, R., & Sideman, I. A. O. S. (2023). Pengaruh Kadar Aspal Efektif dan Tebal Selimut Aspal Terhadap Proporsi Rongga pada Campuran Laston. *Jurnal Sains Teknologi & Lingkungan*, 9(1), 127–137. <https://doi.org/10.29303/jstl.v9i1.410>
- Zhang, H., Ma, Z., Ji, P., Bi, Y., Cao, W., & Liu, S. (2023). Establishment and application of theoretical-empirical prediction model of VMA in hot mix asphalt mixture. *Case Studies in Construction Materials*, 18(November 2022), e01986. <https://doi.org/10.1016/j.cscm.2023.e01986>
- Zhang, X., Han, C., Zhou, X., Otto, F., & Zhang, F. (2021). Characterizing the Diffusion and Rheological Properties of Aged Asphalt *Binder* Rejuvenated with Bio-Oil Based on. *Molecules*, 26(23), 7080. <https://doi.org/10.3390/molecules26237080>
- Zhang, Y., Sun, L., & Cheng, H. (2024). A performance-related design for hot-mix asphalt (HMA) incorporating multiple design parameters. *Road Materials and Pavement Design*, 25(9), 2085–2100. <https://doi.org/10.1080/14680629.2023.2299826>
- Zillie, M. F., Putra, S., Herianto, D., & Sulistyorini, R. (2023). Durabilitas Campuran Asphalt Concrete-Binder Course (AC-BC) dengan Menggunakan Agregat Tanjungan Lampung Selatan. *Jurnal Rekayasa Sipil Dan Desain*, 11(4), 691–702. <https://doi.org/10.23960/jrsdd.v11i4.3728>
- Zuhad, A., Setiawan, Y., Sulistyo, J. A., Rochim, A., Studi, P., Sipil, T., Islam, U., Agung, S., & Test, M. (2025). ANALISIS ASPHALT CONCRETE WEARING COURSE (AC-WC) DENGAN PENAMBAHAN ABU SEKAM PADI (RICE HUSK ASH) DAN ARANG KAYU UNTUK PERKERASAN JALAN. *Jurnal Teknik SILITEK*, 05(03), 1593–1600.
- Zuo, Y., Zhang, X., Jin, L., & Cao, X. (2026). *Investigating the Relationship*

Between Incineration Temperature , Rice Husk Ash (RHA) Characteristics , and Modified Asphalt Performance. 32(3), 423–430.