

DAFTAR PUSTAKA

- A. Akagic, E. Buza, S. Omanovic and A. Karabegovic. (2018) "Pavement crack detection using Otsu thresholding for image segmentation," 2018 41st International Convention on Information and Communication Technology, Electronics and Microelectronics (MIPRO), Opatija, Croatia, 2018, pp. 1092-1097, doi: 10.23919/MIPRO.2018.8400199.
- Ahmad, A. R., Osman, M. K., Ahmad, K. A., Anuar, M. A., & Yusof, N. A. M. (2020, August). Image segmentation for pavement crack detection system. In 2020 10th IEEE International Conference on Control System, Computing and Engineering (ICCSCE) (pp. 153-157). IEEE.
- Alvini, S., Armianti, A., & Dewi, M. P. (2021). Penerapan Pohon Rentang Minimum pada Graph dalam Segmentasi Citra. *Journal of Mathematics UNP*, 6(2), 57-61.
- Darwin, M., Mamondol, M. R., Sormin, S. A., Nurhayati, Y., Tambunan, H., Sylvia, D., ... & Gebang, A. A. (2021). Metode penelitian pendekatan kuantitatif. *Media Sains Indonesia*.
- Fan, R., Jiao, J., Pan, J., Huang, H., Shen, S., & Liu, M. (2019). Real-time dense stereo embedded in a uav for road inspection. In *Proceedings of the IEEE/CVF Conference on Computer Vision and Pattern Recognition Workshops* (pp. 0-0).
- Fan, R., Ozgunalp, U., Hosking, B., Liu, M., & Pitas, I. (2020). Pothole Detection Based on Disparity Transformation and Road Surface Modeling. *IEEE Transactions on Image Processing*, 29, 897–908.
- Fan, R., Ozgunalp, U., Wang, Y., Liu, M., & Pitas, I. (2021). Rethinking road surface 3-d reconstruction and pothole detection: From perspective transformation to disparity map segmentation. *IEEE Transactions on Cybernetics*, 52(7), 5799-5808.
- Goh, T. Y., Basah, S. N., Yazid, H., Safar, M. J. A., & Saad, F. S. A. (2018). Performance analysis of image thresholding: Otsu technique. *Measurement*, 114, 298-307.
- Hatmoko, J. U. D., Setiadji, B. H., & Wibowo, M. A. (2019). Investigating causal factors of road damage: a case study. In *MATEC Web of Conferences* (Vol. 258, p. 02007). EDP Sciences.
- Heriyanti, F., & Ishak, A. (2020, May). Design of logistics information system in the finished product warehouse with the waterfall method: review literature. In *IOP Conference Series: Materials Science and Engineering* (Vol. 801, No. 1, p. 012100). IOP Publishing.
- Hoang, N. D., Huynh, T. C., Tran, X. L., & Tran, V. D. (2022). A novel approach for detection of pavement crack and sealed crack using image processing and salp swarm algorithm optimized machine learning. *Advances in Civil Engineering*, 2022.
- Hoang, N. D. (2018). Detection of surface crack in building structures using image processing technique with an improved Otsu method for image thresholding. *Advances in Civil Engineering*, 2018.
- Huang, C., Li, X., & Wen, Y. (2021). AN OTSU image segmentation based on fruitfly optimization algorithm. *Alexandria Engineering Journal*, 60(1), 183-188.

- Isinkaye, F. O., Aluko, A. G., & Jongbo, O. A. (2021). Segmentation of medical X-ray bone image using different image processing techniques. *Proc. IJIGSP*, 13(5), 27-40.
- Kim, M. J. (2021). Pothole region extraction based on similarity evaluation scale classification using image processing. *Turkish Journal of Computer and Mathematics Education (TURCOMAT)*, 12(6), 871-877.
- Knowles, R. D., Ferbrache, F., & Nikitas, A. (2020). Transport's historical, contemporary and future role in shaping urban development: Re-evaluating transit oriented development. *Cities*, 99.
- Marani, R., Petitti, A., Attolico, M., Cicirelli, G., Milella, A., & D'Orazio, T. (2019). Disparity Image Analysis for 3D Characterization of Surface Anomalies. In *Image Analysis and Processing-ICIAP 2019: 20th International Conference, Trento, Italy, September 9-13, 2019, Proceedings, Part II 20* (pp. 14-23). Springer International Publishing.
- Ng, C. P., Law, T. H., Jakarni, F. M., & Kulanthayan, S. (2019, April). Road infrastructure development and economic growth. In *IOP conference series: materials science and engineering* (Vol. 512, No. 1, p. 012045). IOP Publishing.
- Pereira, V., Tamura, S., Hayamizu, S., & Fukai, H. (2018, July). A deep learning-based approach for road pothole detection in timor leste. In *2018 IEEE International Conference on Service Operations and Logistics, and Informatics (SOLI)* (pp. 279-284). IEEE.
- Pratama, E. F. A., Khairil, K., & Jumadi, J. (2022). Implementasi Metode K-Means Clustering Pada Segmentasi Citra Digital. *JURNAL MEDIA INFOTAMA*, 18(2), 291-301.
- R. Fan, X. Ai and N. Dahnoun. (2018) . "Road Surface 3D Reconstruction Based on Dense Subpixel Disparity Map Estimation," in *IEEE Transactions on Image Processing*, vol. 27, no. 6, pp. 3025-3035, June 2018, doi: 10.1109/TIP.2018.2808770.
- R. Fan and M. Liu, "Road Damage Detection Based on Unsupervised Disparity Map Segmentation," in *IEEE Transactions on Intelligent Transportation Systems*, vol. 21, no. 11, pp. 4906-4911, Nov. 2020, doi: 10.1109/TITS.2019.2947206.
- Rahiman V, A. (2021). Pothole Detection and Volume Estimation Based on Disparity Transformation with Histogram Thresholding.
- Sari, Y., Prakoso, P. B., & Baskara, A. R. (2019, November). Road crack detection using support vector machine (SVM) and OTSU algorithm. In *2019 6th International Conference on Electric Vehicular Technology (ICEVT)* (pp. 349-354). IEEE.
- Susim, T., & Darujati, C. (2021). Pengolahan Citra untuk Pengenalan Wajah (Face Recognition) Menggunakan OpenCV. *Jurnal Syntax Admiration*, 2(3), 534-545.
- Suwarto, F., & Nugroho, A. (2019). Audit Keselamatan Jalan Sebagai Dasar Implementasi Perencanaan Karakteristik Jalan. *Jurnal Proyek Teknik Sipil*, 2(1), 20-24.
- Wang, C., Lim, M. K., Zhang, X., Zhao, L., & Lee, P. T. W. (2020). Railway and road infrastructure in the Belt and Road Initiative countries: Estimating the impact of transport infrastructure on economic growth. *Transportation Research Part A: Policy and Practice*,

134, 288–307.

Yang, G., Zhao, H., Shi, J., Deng, Z., & Jia, J. (2018). Segstereo: Exploiting semantic information for disparity estimation. In *Proceedings of the European conference on computer vision (ECCV)* (pp. 636-651).

Zawad, M. R. S., Zawad, M. F. S., Rahman, M. A., & Priyom, S. N. (2021). A comparative review of image processing based crack detection techniques on civil engineering structures. *Journal of Soft Computing in Civil Engineering*, 5(3), 58-74.

“Permen PUPR Nomor 28 tahun 2015.” 2015.