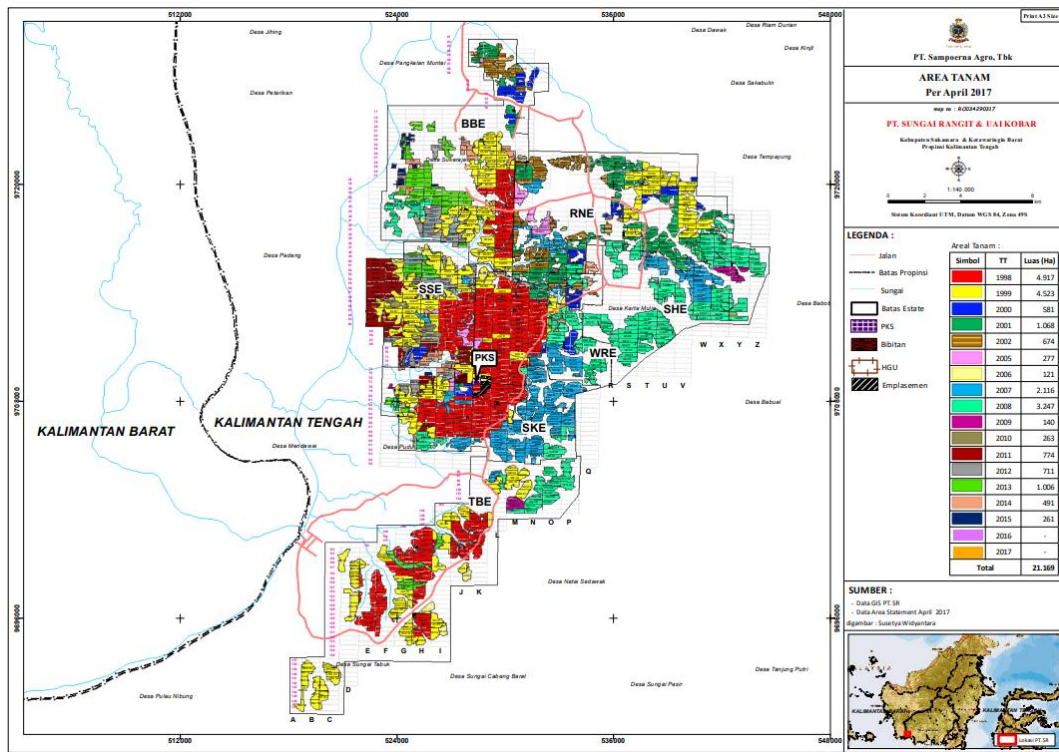


DAFTAR PUSTAKA

- Alya, N. F., Handayani, H. H., Rachmadi, R. F., Ramadhani, A. N. R., Ihsan, M., & Mangopo, M. (2024). Palm Oil Tree Canopy Identification Using Deep Learning Approach (Case Study: Tanjung Gusta District, North Sumatera). *IOP Conference Series: Earth and Environmental Science*, 1418(1). <https://doi.org/10.1088/1755-1315/1418/1/012011>
- Cahyono, A. B., & Ristawan, S. H. (2024). Deep Learning Mask R-CNN and Template Matching Algorithm For Tree Counting Analysis of Oil Palm Trees (Case Study: East Tanjung Jabung District, Jambi Province). *IOP Conference Series: Earth and Environmental Science*, 1418(1). <https://doi.org/10.1088/1755-1315/1418/1/012005>
- Congalton, R. G. (2001). Accuracy assessment and validation of remotely sensed and other spatial information. *International Journal of Wildland Fire*, 10(3–4), 321–328. <https://doi.org/10.1071/wf01031>
- Du, B., Shan, L., Shao, X., Zhang, D., Wang, X., & Wu, J. (2025). Transform Dual-Branch Attention Net: Efficient Semantic Segmentation of Ultra-High-Resolution Remote Sensing Images. *Remote Sensing*, 17(3), 1–20. <https://doi.org/10.3390/rs17030540>
- González-Collazo, S. M., Del Río-Barral, P., Balado, J., & González, E. (2022). Detection of Direct Sun Glare on Drivers from Point Clouds. *Remote Sensing*, 14(6). <https://doi.org/10.3390/rs14061456>
- He, K., Gkioxari, G., Dollár, P., & Girshick, R. (2020). Mask R-CNN. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, 42(2), 386–397. <https://doi.org/10.1109/TPAMI.2018.2844175>
- Hossen, M. I., Awrangjeb, M., Pan, S., & Mamun, A. Al. (2025). Transfer learning in agriculture: a review. *Artificial Intelligence Review*, 58(4). <https://doi.org/10.1007/s10462-024-11081-x>
- Hussnain, Z., Oude Elberink, S., & Vosselman, G. (2021). Enhanced trajectory estimation of mobile laser scanners using aerial images. *ISPRS Journal of Photogrammetry and Remote Sensing*, 173(July 2020), 66–78. <https://doi.org/10.1016/j.isprsjprs.2021.01.005>
- Iqbal, M. S., Ali, H., Tran, S. N., & Iqbal, T. (2021). Coconut trees detection and segmentation in aerial imagery using mask region-based convolution neural network. *IET Computer Vision*, 15(6), 428–439. <https://doi.org/10.1049/cvi2.12028>
- Jabir, B., El Moutaouakil, K., & Falih, N. (2023). Developing an Efficient System with Mask R-CNN for Agricultural Applications. *Agris On-Line Papers in Economics and Informatics*, 15(1), 61–72. <https://doi.org/10.7160/aol.2023.150105>
- Lecun, Y., Bengio, Y., & Hinton, G. (2024). *Deep learning*. <https://doi.org/10.1038/nature14539>

- Li, W., Fu, H., Yu, L., & Cracknell, A. (2021). Deep learning based oil palm tree detection and counting for high-resolution remote sensing images. *Remote Sensing*, 9(1). <https://doi.org/10.3390/rs9010022>
- Ma, L., Liu, Y., Zhang, X., Ye, Y., Yin, G., & Johnson, B. A. (2019). Deep learning in remote sensing applications: A meta-analysis and review. *ISPRS Journal of Photogrammetry and Remote Sensing*, 152(April), 166–177. <https://doi.org/10.1016/j.isprsjprs.2019.04.015>
- Muhammad Yazid, S. D. (2021). *ESTIMASI LEBAR TAJUK TANAMAN KELAPA SAWIT BERDASARKAN USIA MENGGUNAKAN CITRA SATELIT WORLDVIEW 2-MS DAN UNMANNED AERIAL VEHICLE (UAV)*. 1223–1229.
- Sagoro, T. H., & Krisdiarto, A. W. (2020). *MENGGUNAKAN FOTO UDARA MULTISPEKTRAL Prediction of Oil Palm Plantation Block Productivity Based On Canopy Area And Vegetation Index Using Multispectral Aerial Photographs*.
- Siang, S., Ghai, L., Palaiahnakote, S., Xi, J., Sow, S., Lock, M., Nizam, M., & Ayub, B. (2024). Oil palm tree detection in UAV imagery using an enhanced RetinaNet. *Computers and Electronics in Agriculture*, 227(P1), 109530. <https://doi.org/10.1016/j.compag.2024.109530>
- Srinarta, K., Prasetyo, Y., & Hadi, F. (2022). Analisis Perhitungan Jumlah Pohon Kelapa Sawit Berdasarkan Algoritma Canopy Height Model (Chm) Dan Local Maxima (Lm). *Jurnal Geodesi UNDIP*, 11(1), 51–60.
- Syetiawan, A., Susetyo, D. B., Lumban-Gaol, Y., Susilo, Ardha, M., Susilo, Y., & Wahono. (2024). Deep learning-based palm tree detection in unmanned aerial vehicle imagery with Mask R-CNN. *Telkomnika (Telecommunication Computing Electronics and Control)*, 23(1), 156–165. <https://doi.org/10.12928/TELKOMNIKA.v23i1.26244>
- Zenk, R., Timofte, R., Kirchgessner, N., Roth, L., Hund, A., Van Gool, L., Walter, A., & Aasen, H. (2022). Outdoor Plant Segmentation With Deep Learning for High-Throughput Field Phenotyping on a Diverse Wheat Dataset. *Frontiers in Plant Science*, 12(January), 1–19. <https://doi.org/10.3389/fpls.2021.774068>
- Zhao, Z. Q., Zheng, P., Xu, S. T., & Wu, X. (2019). Object Detection with Deep Learning: A Review. *IEEE Transactions on Neural Networks and Learning Systems*, 30(11), 3212–3232. <https://doi.org/10.1109/TNNLS.2018.2876865>

LAMPIRAN



Lampiran 1 Peta Lokasi Penelitian pada Blok ISO 074 dan ISO 075 di Sahara Estate, PT Sungai Rangit, Sampoerna Agro Region Kalimantan Tengah



Lampiran 2 Hasil Citra Udara Tanaman Kelapa Sawit di Area Penelitian