

DAFTAR PUSTAKA

- Adillah, Y. (2018). Analisis Pertumbuhan dan Produktivitas Padi dengan Nilai Indeks Vegetasi Menggunakan Kamera Multispektral UAV. *Institut Pertanian Bogor*.
- Ahirwar, S., Swarnkar, R., Bhukya, S., & Namwade, G. (2019). Application of Drone in Agriculture. *International Journal of Current Microbiology and Applied Sciences*, 8(01), 2500–2505. <https://doi.org/10.20546/ijcmas.2019.801.264>
- Andrio, A. (2019). Development of UAV Technology in Seed Dropping for Aerial Revegetation Practices in Indonesia. *IOP Conference Series: Earth and Environmental Science*, 308(1). <https://doi.org/10.1088/1755-1315/308/1/012051>
- Bao, W., Zhu, Z., Hu, G., Zhou, X., Zhang, D., & Yang, X. (2023). UAV Remote Sensing Detection of Tea Leaf Blight Based on DDMA-YOLO. *Computers and Electronics in Agriculture*, 205. <https://doi.org/10.1016/j.compag.2023.107637>
- Boiarskii, B., & Hasegawa, H. (2019). Comparison of NDVI and NDRE Indices to Detect Differences in Vegetation and Chlorophyll Content. *JOURNAL OF MECHANICS OF CONTINUA AND MATHEMATICAL SCIENCES*, spl1(4). <https://doi.org/10.26782/jmcms.spl.4/2019.11.00003>
- BPS. (2022). *Statistik Teh Indonesia Tahun 2022* (16th ed.). Badan Pusat Statistik.
- Butar, A. S. B., Andika, B., & Syahputra, T. (2019). Sistem Pakar Mendiagnosa Penyakit Tanaman Teh Pada PTPN IV Persero Unit-Bahbutong Dengan Menggunakan Metode Certainty Factor. In *Jurnal Cyber Tech*. <https://ojs.trigunadharma.ac.id/>
- Chernov, V., Alander, J., & Bochko, V. (2015). Integer-Based Accurate Conversion Between RGB and HSV Color Spaces. *Computers and Electrical Engineering*, 46, 328–337. <https://doi.org/10.1016/j.compeleceng.2015.08.005>
- Danoedoro, P. (2012). *Pengantar Penginderaan Jauh Digital*. Penerbit Andi.
- Davidson, C., Jaganathan, V., Sivakumar, A. N., Czarnecki, J. M. P., & Chowdhary, G. (2022). NDVI/NDRE Prediction from Standard RGB Aerial Imagery Using Deep Learning. *Computers and Electronics in Agriculture*, 203. <https://doi.org/10.1016/j.compag.2022.107396>
- DJI. (2023). *DJI Phantom 4 Multispectral Specs*. <https://www.dji.com/id/p4-multispectral/specs>

- Duan, T., Hu, P. C., & Sang, L. Z. (2019). Research on Route Planning of Aerial Photography of UAV in Highway Greening Monitoring. *Journal of Physics: Conference Series*, 1187(5). <https://doi.org/10.1088/1742-6596/1187/5/052082>
- Eden, T. (1976). *Tea: Tropical Agriculture Series* (Third Edition). Longman.
- Fauziyah, N., Hadisutrisno, B., & Priyatmojo, A. (2018). Waktu Pemencaran dan Pengaruh Jenis Air terhadap Perkecambahan Basidiospora *Exobasidium vexans*, Penyebab Penyakit Cacar Daun Teh. *Jurnal Perlindungan Tanaman Indonesia*, 22(1), 66. <https://doi.org/10.22146/jpti.23047>
- Griffin, A. L. (2017). Color Theory. In *International Encyclopedia of Geography* (pp. 1–14). Wiley. <https://doi.org/10.1002/9781118786352.wbieg0766>
- Hamur, P. K. H., Tjahjadi, M. E., & Yuliananda, A. (2019). Kajian Pengolahan Data Foto Udara Menggunakan Perangkat Lunak Agisoft dan PIX4D Mapper. *Institut Teknologi Nasional Malang*.
- Hastuti, D., Manessa, M. D. M., & Parlindungan, M. (2023). Tea Plant Health Research Using Spectrometer. In *International Journal of Remote Sensing and Earth Sciences* (Vol. 19, Issue 2).
- Hidayat, R., & Mardiyanto, R. (2016). *Pengembangan Sistem Navigasi Otomatis Pada UAV (Unmanned Aerial Vehicle) dengan GPS (Global Positioning System) Waypoint*.
- Hidayati, I. N., Suharyadi, R., & Danoedoro, P. (2018). Kombinasi Indeks Citra untuk Analisis Lahan Terbangun dan Vegetasi Perkotaan. *Majalah Geografi Indonesia*, 32(1), 24. <https://doi.org/10.22146/mgi.31899>
- Hidayati, T. Y. (2018). *Laporan Kerja Praktek Pembangunan Aplikasi Inventaris PT. Perkebunan Tambi Kantor Direksi*.
- Hu, G., Wei, K., Zhang, Y., Bao, W., & Liang, D. (2021). Estimation of Tea Leaf Blight Severity in Natural Scene Images. *Precision Agriculture*, 22(4), 1239–1262. <https://doi.org/10.1007/s11119-020-09782-8>
- Hu, G., Yang, X., Zhang, Y., & Wan, M. (2019). Identification of Tea Leaf Diseases by Using an Improved Deep Convolutional Neural Network. *Sustainable Computing: Informatics and Systems*, 24. <https://doi.org/10.1016/j.suscom.2019.100353>
- Huang, S., Tang, L., Hupy, J. P., Wang, Y., & Shao, G. (2020). A Commentary Review on the Use of Normalized Difference Vegetation Index (NDVI) in the Era of Popular Remote Sensing. In *Journal of Forestry Research* (Vol. 32, Issue 1). Northeast Forestry University. <https://doi.org/10.1007/s11676-020-01155-1>

- Indriati, G., & Soesanthy, F. (2014). *Hama Helopeltis spp. dan Teknik Pengendaliannya pada Pertanaman Teh (Camellia sinensis) (Gusti Indriati dan Funny Soesanthy)*.
- Istiak, Md. A., Syeed, M. M. M., Hossain, M. S., Uddin, M. F., Hasan, M., Khan, R. H., & Azad, N. S. (2023). Adoption of Unmanned Aerial Vehicle (UAV) Imagery in Agricultural Management: A Systematic Literature Review. *Ecological Informatics*, 78, 102305. <https://doi.org/10.1016/j.ecoinf.2023.102305>
- Kapil, R., Castilla, G., Marvasti-Zadeh, S. M., Goodsman, D., Erbilgin, N., & Ray, N. (2023). Orthomosaicking Thermal Drone Images of Forests via Simultaneously Acquired RGB Images. *Remote Sensing*, 15(10). <https://doi.org/10.3390/rs15102653>
- Kastens, J. H., Kastens, T. L., Kastens, D. L. A., Price, K. P., Martinko, E. A., & Lee, R. Y. (2005). Image masking for crop yield forecasting using AVHRR NDVI time series imagery. *Remote Sensing of Environment*, 99(3), 341–356. <https://doi.org/10.1016/j.rse.2005.09.010>
- Lailissaum, A. (2018). Peran Informasi Geospasial untuk Mendukung Pembentukan Desa. *GEOMATIKA*, 24(2), 77. <https://doi.org/10.24895/jig.2018.24-2.792>
- Lillesand, T., Kiefer, R. W., & Chipman, J. (2015). *Remote Sensing and Image Interpretation*. John Willey & Sons.
- Lintz, J., & Simonett, D. S. (1976). *Remote Sensing of Environment Reading*. Addison-Wesley.
- Mekik, C., & Arslanoglu, M. (2009). Investigation on Accuracies of Real Time Kinematic GPS for GIS Applications. *Remote Sensing*, 1(1), 22–35. <https://doi.org/10.3390/rs1010022>
- Mirandilla, J. R. F., Yamashita, M., Yoshimura, M., & Paringit, E. C. (2023). Leaf Spectral Analysis for Detection and Differentiation of Three Major Rice Diseases in the Philippines. *Remote Sensing*, 15(12). <https://doi.org/10.3390/rs15123058>
- Natar, C., Sabri, L. M., & Awaluddin, M. (2020). Analisis Akurasi Model 3 Dimensi Bangunan dari Foto Secara Tegak dan Miring (Studi Kasus : Gedung Fakultas Kedokteran Universitas Diponegoro). In *Jurnal Geodesi Undip Januari* (Vol. 9, Issue 1).
- Otto, A., Agatz, N., Campbell, J., Golden, B., & Pesch, E. (2018). Optimization approaches for civil applications of unmanned aerial vehicles (UAVs) or aerial drones: A survey. In *Networks* (Vol. 72, Issue 4, pp. 411–458). Wiley-Liss Inc. <https://doi.org/10.1002/net.21818>

- Pratama, S. E., & Nadapdap, H. J. (2019). Strategi Pengembangan Agribisnis Teh PT Perkebunan Tambi Kabupaten Wonosobo. *Fakultas Pertanian Dan Bisnis, Universitas Kristen Satya Wacana*, 17, 19–29. <https://doi.org/10.25181/jppt.v17i3.298>
- Putra, M. N. R., Chatria, A. B., & Anggana, A. F. (2019). Pemanfaatan Teknologi UAV (Unmanned Aerial Vehicle) untuk Pengumpulan Data Geospasial. *Fakultas Geografi Universitas Muhammadiyah Surakarta*, 222–231.
- Qi, L., Li, J., Wang, Y., Lei, M., & Gao, X. (2020). Deep Spectral Convolution Network for Hyperspectral Image Unmixing with Spectral Library. *Signal Processing*, 176. <https://doi.org/10.1016/j.sigpro.2020.107672>
- Radifan, A., & Supijatno. (2017). *Pengelolaan Pemangkasan Tanaman Teh (Camellia sinensis(L.) O. Kuntze) di Unit Perkebunan Tambi, Wonosobo, Jawa Tengah*. 98–106.
- Sasongko, R., & Widartono, B. S. (2024). *Canopy Height Model (CHM) untuk Deteksi Individu Pohon Eucalyptus Pellita Menggunakan Unmanned Aerial Vehicle (UAV)*.
- Sezgin, M., & Sankur, B. (2004). Survey Over Image Thresholding Techniques and Quantitative Performance Evaluation. *Journal of Electronic Imaging*, 13(1), 146–165. <https://doi.org/10.1117/1.1631316>
- Shahi, T. B., Xu, C. Y., Neupane, A., & Guo, W. (2023). Recent Advances in Crop Disease Detection Using UAV and Deep Learning Techniques. In *Remote Sensing* (Vol. 15, Issue 9). MDPI. <https://doi.org/10.3390/rs15092450>
- Skala, V. (2023). Multispectral Image Generation from RGB Based on WSL Color Representation: Wavelength, Saturation, and Lightness. *Computers*, 12(9), 182. <https://doi.org/10.3390/computers12090182>
- Sudjono, S., & Harjoko, T. (2000). *Pengendalian Hama Tanaman Teh*. Fakultas Pertanian UGM.
- Tayade, R., Yoon, J., Lay, L., Khan, A. L., Yoon, Y., & Kim, Y. (2022). Utilization of Spectral Indices for High-Throughput Phenotyping. In *Plants* (Vol. 11, Issue 13). MDPI. <https://doi.org/10.3390/plants11131712>
- Wolf, & Paul, R. (1993). *Elemen Fotogrametri dengan Interpretasi Foto Udara dan Penginderaan Jauh* (Gunadi, T. Gunawan, & Zuharnen, Eds.; Edisi Kedua). Gadjah Mada University Press.
- Xu, J., Qu, F., Shen, B., Huang, Z., Li, X., Weng, H., Ye, D., & Wu, R. (2023). Rapid Detection of Tea Polyphenols in Fresh Tea Leaves Based on Fusion of Visible/Short-Wave and Long-Wave Near Infrared Spectroscopy and Its Device Development. *Applied Sciences (Switzerland)*, 13(3). <https://doi.org/10.3390/app13031739>

- Yang, N., Yuan, M., Wang, P., Zhang, R., Sun, J., & Mao, H. (2019). Tea Diseases Detection Based on Fast Infrared Thermal Image Processing Technology. *Journal of the Science of Food and Agriculture*, 99(7), 3459–3466. <https://doi.org/10.1002/jsfa.9564>
- Zagajewski, B., Tømmervik, H., Bjerke, J. W., Raczko, E., Bochenek, Z., Klos, A., Jarocińska, A., Lavender, S., & Ziolkowski, D. (2017). Intraspecific Differences in Spectral Reflectance Curves as Indicators of Reduced Vitality in High-Arctic Plants. *Remote Sensing*, 9(12). <https://doi.org/10.3390/rs9121289>
- Zaman, S., & Rony, M. A. F. (2023). Pengelolaan Pemangkasan Teh (*Camellia sinensis* (L.) O. Kuntze) di Unit Perkebunan Tambi, PT Tambi, Wonosobo, Jawa Tengah. *Jurnal Teknik, Komputer, Agroteknologi Dan Sains*, 1(2), 201–212. <https://doi.org/10.56248/marostek.v1i2.38>