

DAFTAR PUSTAKA

- Al-Najjar, H. A. H., Kalantar, B., Pradhan, B., Saeidi, V., Halin, A. A., Ueda, N., & Mansor, S. (2019). Land cover classification from fused DSM and UAV images using convolutional neural networks. *Remote Sensing*, 11(12), 1–18. <https://doi.org/10.3390/rs11121461>
- Alzenad, M., El-Keyi, A., Lagum, F., & Yanikomeroglu, H. (2017). 3-D Placement of an Unmanned Aerial Vehicle Base Station (UAV-BS) for Energy-Efficient Maximal Coverage. *IEEE Wireless Communications Letters*, 6(4), 434–437. <https://doi.org/10.1109/LWC.2017.2700840>
- An improved twin support vector machine based on multi-objective cuckoo search for software defect prediction Yang Cao and Zhiming Ding * Xiaotao Rong. (2018). 11(4).
- Badan Informasi Geospasial. (2014). Peraturan BIG Nomor 3 Tahun 2014 tentang Pedoman Teknis Pengumpulan dan Pengolahan Data Geospasial Mangrove. *Badan Informasi Geospasial*.
- Beselly, S. M., van der Wegen, M., Grueters, U., Reyns, J., Dijkstra, J., & Roelvink, D. (2021). Eleven years of mangrove–mudflat dynamics on the mud volcano-induced prograding delta in east java, indonesia: Integrating uav and satellite imagery. *Remote Sensing*, 13(6). <https://doi.org/10.3390/rs13061084>
- Cummings, M. J., Baldwin, M. R., Abrams, D., Jacobson, S. D., Meyer, B. J., Balough, E. M., Aaron, J. G., Claassen, J., Rabbani, L. R. E., Hastie, J., Hochman, B. R., Salazar-Schicchi, J., Yip, N. H., Brodie, D., & O'Donnell, M. R. (2020). Epidemiology, clinical course, and outcomes of critically ill adults with COVID-19 in New York City: a prospective cohort study. *The Lancet*, 395(10239), 1763–1770. [https://doi.org/10.1016/S0140-6736\(20\)31189-2](https://doi.org/10.1016/S0140-6736(20)31189-2)
- Ćwiakała, P., Gruszczyński, W., Stoch, T., Puniach, E., Mrocheń, D., Matwij, W., Matwij, K., Nedzka, M., Sopata, P., & Wójcik, A. (2020). UAV applications for determination of land deformations caused by underground mining. *Remote Sensing*, 12(11). <https://doi.org/10.3390/rs12111733>
- Dewati, A. F., Hartoko, A., & Suryanti. (2013). Biomassa Karbon Vegetasi Mangrove Melalui Analisa Data Lapangan Dan Citra Satelit Geoeye Di Pulau Parang, Kepulauan Karimunjawa. *Journal of Management of Aquatic Resources*, 2(2), 9–18. <http://ejournal-s1.undip.ac.id/index.php/maquares.50275Telp/Fax>
- Fabbri, S., Grottoli, E., Armaroli, C., & Ciavola, P. (2021). Using high-spatial resolution uav-derived data to evaluate vegetation and geomorphological changes on a dune field involved in a restoration endeavour. *Remote Sensing*, 13(10). <https://doi.org/10.3390/rs13101987>
- Ganz, S., Käber, Y., & Adler, P. (2019). Measuring tree height with remote sensing—a comparison of photogrammetric and LiDAR data with different field measurements. *Forests*, 10(8). <https://doi.org/10.3390/f10080694>
- Hamilton, S. E. (2012). *Global carbon stocks and potential emissions due to mangrove deforestation from 2000 to 2012* Stuart Hamilton * Department of Geography and Geosciences Daniel A . Friess Department of Geography National University of Singapore Singapore 117570.
- Heenkenda, M. K., Joyce, K. E., Maier, S. W., & Bartolo, R. (2014). Mangrove species identification: Comparing WorldView-2 with aerial photographs. *Remote Sensing*, 6(7), 6064–6088. <https://doi.org/10.3390/rs6076064>
- IPCC. (2003). Good Practice Guidance for Land Use, Land-Use Change and Forestry. In K. T. and F. W. Jim Penman, Michael Gytarsky, Taka Hiraishi, Thelma Krug, Dina Kruger, Riitta Pipatti, Leandro Buendia, Kyoko Miwa, Todd Ngara & IPCC (Eds.), *CIPCC National Greenhouse Gas Inventories Programme*. <https://doi.org/10.1016/j.crvi.2014.11.004>
- Jiang, Y., Zhang, L., Yan, M., Qi, J., Fu, T., Fan, S., & Chen, B. (2021). High-resolution mangrove forests classification with machine learning using worldview and uav hyperspectral data. *Remote Sensing*, 13(8), 1–21. <https://doi.org/10.3390/rs13081529>
- Jurjević, L., Liang, X., Gašparović, M., & Balenović, I. (2020). Is field-measured tree height as reliable as believed – Part II, A comparison study of tree height estimates from conventional field measurement and low-cost close-range remote sensing in a deciduous forest. *ISPRS Journal of Photogrammetry and Remote Sensing*, 169(April), 227–241. <https://doi.org/10.1016/j.isprsjprs.2020.09.014>
- Kauffman, J. B., Heider, C., Cole, T. G., Dwire, K. A., & Donato, D. C. (2011). Ecosystem carbon stocks of micronesian mangrove forests. *Wetlands*, 31(2), 343–352. <https://doi.org/10.1007/s13157-011-0148-9>
- Krasuski, K., Wierzbicki, D., & Bakula, M. (2021). Improvement of UAV positioning performance based on EGNOS+SDCM solution. *Remote Sensing*, 13(13), 1–25. <https://doi.org/10.3390/rs13132597>
- Lendzioch, T., Langhammer, J., & Jenicek, M. (2019). Estimating snow depth and leaf area index based on UAV digital photogrammetry. *Sensors (Switzerland)*, 19(5).

- <https://doi.org/10.3390/s19051027>
- Malik, A., Jalil, A. R., Arifuddin, A., & Syahmuddin, A. (2020). Biomass carbon stocks in the mangrove rehabilitated area of sinjai district, south sulawesi, indonesia. *Geography, Environment, Sustainability*, 13(3), 32–38. <https://doi.org/10.24057/2071-9388-2019-131>
- Manual geo-rectification to improve the spatial accuracy.pdf.* (n.d.).
- Marzialetti, F., Frate, L., De Simone, W., Frattaroli, A. R., Acosta, A. T. R., & Carranza, M. L. (2021). Unmanned aerial vehicle (Uav)-based mapping of acacia saligna invasion in the mediterranean coast. *Remote Sensing*, 13(17). <https://doi.org/10.3390/rs13173361>
- Mielcarek, M., Kamińska, A., & Stereńczak, K. (2020). Digital aerial photogrammetry (DAP) and airborne laser scanning (ALS) as sources of information about tree height: Comparisons of the accuracy of remote sensing methods for tree height estimation. *Remote Sensing*, 12(11). <https://doi.org/10.3390/rs12111808>
- Mielcarek, M., Stereńczak, K., & Khosravipour, A. (2018). Testing and evaluating different LiDAR-derived canopy height model generation methods for tree height estimation. *International Journal of Applied Earth Observation and Geoinformation*, 71(May), 132–143. <https://doi.org/10.1016/j.jag.2018.05.002>
- Murdiyarno, D., Donato, D., Kauffman, J. B., Kurnianto, S., Stidham, M., & Kanninen, M. (2010). *Carbon storage in mangrove and peatland ecosystems: a preliminary account from plots in Indonesia*. 48. <http://www.cifor.cgiar.org/Knowledge/Publications/Detail?pid=3233>
- Nabuurs, G. J., & Mohren, G. M. (1995). Modelling analysis of potential carbon sequestration in selected forest types. *Canadian Journal of Forest Research*, 25(7), 1157–1172. <https://doi.org/10.1139/x95-128>
- Navarro, J. A., Algeet, N., Fernández-Landa, A., Esteban, J., Rodríguez-Noriega, P., & Guillén-Climent, M. L. (2019). Integration of UAV, Sentinel-1, and Sentinel-2 data for mangrove plantation aboveground biomass monitoring in Senegal. *Remote Sensing*, 11(1), 1–25. <https://doi.org/10.3390/rs11010077>
- Nedhisa, P. I., & Tjahjaningrum, I. T. (2019). Estimasi Biomassa, Stok Karbon dan Sekuestrasi Karbon Mangrove pada Rhizophora mucronata. *Jurnal Sains Dan Seni ITS*, 8(2), 2337–3520. http://ejurnal.its.ac.id/index.php/sains_seni/article/view/45838
- Peppa, M. V., Hall, J., Goodyear, J., & Mills, J. P. (2019). Photogrammetric assessment and comparison of dji phantom 4 pro and phantom 4 rtk small unmanned aircraft systems. *International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives*, 42(2/W13), 503–509. <https://doi.org/10.5194/isprs-archives-XLII-2-W13-503-2019>
- Primavera, J. H. (2005). Quest for Sustainability. *Science (New York, N.Y.)*, 310(October), 57–59.
- Quang, N. H., Quinn, C. H., Stringer, L. C., Carrie, R., Hackney, C. R., Van Hue, L. T., Tan, D. Van, & Thanh Nga, P. T. (2020). Multi-decadal changes in mangrove extent, age and species in the Red River Estuaries of Viet Nam. *Remote Sensing*, 12(14). <https://doi.org/10.3390/rs12142289>
- Rachmawati, D., Setyobudiandi, I., & Hilmi, E. (2014). Potensi Estimasi Karbon Tersimpan pada Vegetasi Mangrove di Wilayah Pesisir Muara Gembong Kabupaten Bekasi. *Jurnal Omni-Akuatika*, XIII (19)(November 2014), 85–91.
- Ruffing, K. (2007). Sustainability Indicators. *Indicators to Measure Decoupling of Environmental Pressure from Economic Growth*, April.
- Sanz-Ablanedo, E., Chandler, J. H., Rodríguez-Pérez, J. R., & Ordóñez, C. (2018). Accuracy of Unmanned Aerial Vehicle (UAV) and SfM photogrammetry survey as a function of the number and location of ground control points used. *Remote Sensing*, 10(10). <https://doi.org/10.3390/rs10101606>
- Soffianian, A. R., Toosi, N. B., Asgarian, A., Regnauld, H., Fakheran, S., & Waser, L. T. (2023). Evaluating resampled and fused Sentinel-2 data and machine-learning algorithms for mangrove mapping in the northern coast of Qeshm island, Iran. *Nature Conservation*, 52, 1–22. <https://doi.org/10.3897/natureconservation.52.89639>
- Sondak, C. F. A. (2015). Estimasi Potensi Penyerapan Karbon Biru (Blue Carbon) Oleh Hutan Mangrove Sulawesi Utara. *Journal of Asean Studies on Maritime Issues*, 1(1), 24–29. <http://ejurnal.unsrat.ac.id/index.php/jasmi/article/view/12501>
- Stott, E., Williams, R. D., & Hoey, T. B. (2020). Ground control point distribution for accurate kilometre-scale topographic mapping using an rtk-gnss unmanned aerial vehicle and sfm photogrammetry. *Drones*, 4(3), 1–21. <https://doi.org/10.3390/drones4030055>
- Štroner, M., Urban, R., Seidl, J., Reindl, T., & Brouček, J. (2021). Photogrammetry using UAV-mounted GNSS RTK: Georeferencing strategies without GCPs. *Remote Sensing*, 13(7). <https://doi.org/10.3390/rs13071336>

- Sutaryo, D. (2009). *Penghitungan Biomassa: Sebuah pengantar untuk studi karbon dan perdagangan karbon*. C, 1–38.
- Taddia, Y., González-García, L., Zambello, E., & Pellegrinelli, A. (2020). Quality assessment of photogrammetric models for façade and building reconstruction using dji phantom 4 rtk. *Remote Sensing*, 12(19), 1–32. <https://doi.org/10.3390/rs12193144>
- Taddia, Y., Stecchi, F., & Pellegrinelli, A. (2019). Using dji phantom 4 rtk drone for topographic mapping of coastal areas. *International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives*, 42(2/W13), 625–630. <https://doi.org/10.5194/isprs-archives-XLII-2-W13-625-2019>
- Tomaštík, J., Mokroš, M., Surový, P., Grznárová, A., & Merganič, J. (2019). UAV RTK/PPK method- An optimal solution for mapping inaccessible forested areas? *Remote Sensing*, 11(6). <https://doi.org/10.3390/RS11060721>
- Walters, B. B. (2003). People and mangroves in the Philippines: Fifty years of coastal environmental change. *Environmental Conservation*, 30(3), 293–303. <https://doi.org/10.1017/S0376892903000298>
- Wu, Q., Xu, J., & Zhang, R. (2018). Capacity characterization of UAV-Enabled two-user broadcast channel. *IEEE Journal on Selected Areas in Communications*, 36(9), 1955–1971. <https://doi.org/10.1109/JSAC.2018.2864421>
- Zhang, H., Aldana-Jague, E., Clapuyt, F., Wilken, F., Vanacker, V., & Van Oost, K. (2019). Evaluating the potential of post-processing kinematic (PPK) georeferencing for UAV-based structure-from-motion (SfM) photogrammetry and surface change detection. *Earth Surface Dynamics*, 7(3), 807–827. <https://doi.org/10.5194/esurf-7-807-2019>
- Zhu, Z., Huang, M., Zhou, Z., Chen, G., & Zhu, X. (2022). Stronger conservation promotes mangrove biomass accumulation: Insights from spatially explicit assessments using UAV and Landsat data. *Remote Sensing in Ecology and Conservation*, 8(5), 656–669. <https://doi.org/10.1002/rse2.268>
- Arikunto, S. (2010). Prosedur penelitian pendekatan praktik edisi revisi VI. Rineka Cipta, 313.
- Cummings, M. J. et al. (2020). Epidemiology, clinical course, and outcomes of critically ill adults with COVID-19 in New York City: a prospective cohort study'. 395, pp. 1763–1770.
- Friess, D. A., et al. (2020). Integrated approaches for mangrove conservation. *Global Ecology and Conservation*, 24, e01208. <https://doi.org/10.1016/j.gecco.2020.e01208>
- Kauffman, J. B., Heider, C., Cole, T. G., Dwire, K. A., & Donato, D. C. (2011). Ecosystem carbon stocks of micronesian mangrove forests. *Wetlands*, 31(2), 343–352. <https://doi.org/10.1007/s13157-011-0148-9>
- Maani, K. E., & Cavana, R. Y. (2007). Systems thinking, system dynamics: Managing change and complexity. Pearson Education.
- Milica Stankovic., et al. (2021). The role of blue carbon in climate change mitigation. *Environmental Science & Policy*, 101, 173–181. <https://doi.org/10.1016/j.scitotenv.2021.146858>
- Murdiyarso, D., et al. (2015). The potential of Indonesian mangrove forests for global climate change mitigation. *Nature Climate Change*.
- Primavera, J. H. (2005). Mangroves, fishponds, and the quest for sustainability. *Science*.
- Stanners, D., Bosch, P., Dom, A., Gabrielsen, P., Gee, D., Martin, J., ... & Weber, J. L. (2007). Frameworks for environmental assessment and indicators at the EEA. *Sustainability indicators: A scientific assessment*, 127-144.
- Solahudin, Desty Stephany, Bagiar Adla Satria, and Nabila Tsarwatul Jannah. "ANALISA DPSIR PEMBANGUNAN TOL SEMARANG-DEMAK DAN KAWASAN EKOSISTEM MANGROVE DI WILAYAH PESISIR SEMARANG-DEMAK." *Journal of Syntax Literate* 9.8 (2024).
- Walters, B. B. (2003). People and mangroves in the Philippines: Fifty years of coastal environmental change. *Environmental Conservation*, 30(3), 293–303. <https://doi.org/10.1017/S0376892903000298>