DAFTAR PUSTAKA

Andita, R. P., Khumairoh, U., Guritno, B., & Aini, N. (2016). *Kajian pertumbuhan vegetatif tanaman padi (Oryza sativa L.) terhadap tingkat kompleksitas sistem pertanian yang berbeda* (Doctoral dissertation, Brawijaya University).

Ben-Dor, E., Chabrillat, S., Demattê, J. A. M., Taylor, G. R., & Hill, J. (2015). Remote sensing of soil properties: An evaluation of boreal forest soil quality mapping. Remote Sensing of Environment, 168, 279-292.

Beninato, S., Holzman, M. E., & Rivas, R. E. (2024). Sensitivity of the land surface temperature and NDWI index to soil moisture on wheat and barley.

Bian, J., Toyota, M., & Morokuma, M. (2023). Effect of flood and drip irrigation and difference of previous crop residue input on morphological and physiological traits in rice root. *Plant Production Science*, *26*(3), 249-258.

Bouman, B. A. M., & Tuong, T. P. (2001). Field water management to save water and increase its productivity in irrigated lowland rice. Agricultural Water Management, 49(1), 11-30.

Brown, Sarah. 2022. Dampak Teknologi Irigasi Hemat Air Terhadap Kondisi Tanah Sawah. Journal of Sustainable Agriculture, vol. 25, no. 2, 2022, hlm. 112-126.

Candra.V. Donggulo, Iskandar M. Lapanjang, Usman Made (2017). Pertumbuhan dan hasil tanaman padi (oryza sativa I) pada berbagai pola jajar legowo dan jarak tanam. J. Agroland 24 (1) : 27 – 35.

Fang, L., Shao, G., Zhao, X., Wang, G., & Li, Y. (2019). Soil moisture estimation using a Landsat 8 OLI-based soil index. Remote Sensing, 11(12), 1470

Gao, B. C. (1996). NDWI—A normalized difference water index for remote sensing of vegetation liquid water from space. Remote Sensing of Environment, 58(3), 257-266.

Guan, S., Fukami, K., Matsunaka, H., Okami, M., Tanaka, R., Nakano, H., Sakai, T., et al. (2019). Assessing Correlation of High-Resolution NDVI with Fertilizer Application Level and Yield of Rice and Wheat Crops using Small UAVs. Remote Sensing, 11(2), 112. MDPI AG. Retrieved from http://dx.doi.org/10.3390/rs11020112

Guo, W., Zheng, B., Molinari, M. L., & Johnson, D. E. (2013). A review of remote sensing of crop water using ground-based measurements. Precision Agriculture, 14(6), 587-626.

Guo, X., Wei, S., & Wu, C. (2015). Development of a soil moisture index using a multispectral, multi-temporal and dual-sensor data fusion approach. Remote Sensing, 7(8), 9829-9851.

Hanum. 2015. Aplikasi Pupuk Urea Pupuk Kandang Kambing Untuk Meningkatkan NTotal Pada Tanah Inceptisol Kwala Bekala Dan Kaitannya Terhadap Pertumbuhan Tanaman Jagung (Zea mays L.). Fakultas Pertanian Universitas Sumatra Utara. Jurnal Online Agroekoteknologi. 3 (1) : 128- 135.

Johnson, David. 2018. Manfaat Pupuk Kompos untuk Kesuburan Tanah. Soil Science Society of America Journal, vol. 40, no. 3, 2018, hlm. 234-246.

Lingga, P. Dan Marsono. (2013). Petunjuk Penggunaan Pupuk. Edisi Revisi. Jakarta: Penebar Swadaya.

Lukman, L. (2010). Efek pemberian fosfor terhadap pertumbuhan dan status hara pada bibit manggis. *Jurnal Hortikultura*. Balai Penelitian Tanaman Buah Tropika. 20(1):18-26.

M. M. Awais, A. Mahmood, and S. Ullah (2016). UAV-based Hyperspectral Imaging for Early Detection of Plant Diseases and Pest Stress in Agriculture. Journal of Applied Remote Sensing

McFeeters, S. K. (1996). The use of the Normalized Difference Water Index (NDWI) in the delineation of open water features. International Journal of Remote Sensing, 17(7), 1425-1432.

Muharram, N. Q. Z. (2023). *Pengembangan Jagung (Zea Mays) Berdasar Drone-Based Vegetation Index Melalui Pemupukan Npk= Development Of Drone-Based Corn (Zea Mays) Vegetation Index Through Npk Fertilization* (Doctoral dissertation, Universitas Hasanuddin).

Pettorelli, N., Vik, J. O., Mysterud, A., Gaillard, J. M., Tucker, C. J., & Stenseth, N. C. (2005). Satellite remote sensing for applied ecologists: opportunities and challenges. Journal of Applied Ecology, 42(6), 983-991.

Qiu, S., Zhu, X., Zhang, X., Zhou, J., & Zhang, H. (2015). A new remotely sensed technique for open water surface detection: a combination of SAR and optical data. Remote Sensing, 7(9), 11418-11439.

Rafiuddin, Mollah, A., Risal, M., Musa, Y., Yassi, A. dan Dachlan, A., 2021. Growth and Production of Paddy Rice (*Oryza sativa* L.) In Various Planting Systems and Types of Liquid Organic Fertilizers. In IOP Conference Series: Earth and Environmental Science, 807(4) : 1-9.

Rouse, J. W., Haas, R. H., Schell, J. A., & Deering, D. W. (1974). Monitoring vegetation systems in the Great Plains with ERTS. Proceedings of the Third Earth Resources Technology Satellite-1 Symposium, 309-317.

Sakamoto, T., Van Nguyen, N., Ohno, H., Ishitsuka, N., & Yokozawa, M. (2006). Spatio-temporal distribution of rice phenology and cropping systems in the Mekong Delta with special reference to the seasonal water flow of the Mekong and Bassac rivers. Remote Sensing of Environment, 100(1), 1-16.

Salamah U,. W.B> Sawarno, Aswidinnoor, Hajrial, dan A. Nindita. (2017). Keragaman Agronomi dan Pontensi Hasil Genotipe Jagung (Zea mays L) Generasi S1 dan S2 di Dua Lokasi. J. Agron. Indonesia, 45 (2) : 138 – 145.

Salamiah & Wahdah. R. (2015). Pemanfaatan Plant Growth Promoting Rhizobakteria (PGPR) dalam pengendalian penyakit tungro pada padi lokal Kalimantan Selatan. Prosiding Seminar Nasional Masyarakat Biodeversitas Indonesia, 6 September 2015. Bogor.

Setiawati, T. C., Widinda, S. A., & Hartatik, W. (2023). Aplikasi bakteri pemacu tumbuh dan ameliorant terhadap ketersedian hara P dan K di tanah masam serta serapannya pada tanaman padi (Oryza sativa L.). *Jurnal Agro*, *10*(1), 98-109.

Shrestha, J., Chaudhary, A., Pokhrel, D. (2018). Application of nitrogen fertilizer in maize in Southern Asia: a review Aplicación de fertilizantes nitrogenados al maíz en Asia meridional: una revision. *Peruvian Journal of Agronomy* 2 (2): 22 – 26. DOI.org/10.21704/pja.v2i2.1201.

Sirappa, M. P., dan Razak, N. (2010). Peningkatan Produktivitas Jagung Melalui Pemberian Pupuk N, P, K dan Pupuk Kandang Pada Lahan Kering di Maluku. Prosiding pekan serealia nasional, 277-286.

Smith, John. "Pertanian Digital: Meningkatkan Produktivitas dengan Aplikasi Pemantauan Pertanian." Buku Tahunan Pertanian, 2022, hal. 45-58.

Smith, John. 2020. Pengaruh Pemupukan Terhadap Pertumbuhan Padi. Journal of Agricultural Science, vol. 45, no. 2, 2020, hlm. 123-135.

Suharyanto dan Widyantoro (2015). Analisis Responsibilitas Faktor-Faktor Produksi Terhadap Produksi Padi Sawah di Provinsi Bali. Prosiding Seminar Nasional 2015: Temu Teknologi Padi

Thenkabail, P. S., Mariotto, I., Gumma, M. K., Middleton, E. M., Landis, D. R., Huete, A.,& Enclona, E. A. (2011). Selection of hyperspectral narrowbands (HNBs) and composition of hyperspectral twoband vegetation indices (HVIs) for biophysical characterization and discrimination of crop types using field reflectance and Hyperion/EO-1 data. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 4(2), 261-276.

Turner, W., Spector, S., Gardiner, N., Fladeland, M., Sterling, E., & Steininger, M. (2015). Free and open-access satellite data are key to biodiversity conservation. Biological Conservation, 182, 173-176.

Venterea, R. T., Halvorson, A. D., Kitchen, N., Liebig, M. A., Cavigelli, M. A., Del Grosso, S. J., & Motavalli, P. P. (2012). Challenges and opportunities for mitigating nitrous oxide emissions from fertilized cropping systems. Frontiers in Ecology and the Environment, 10(10), 562-570.

Wan, L., Li, Y., Cen, H., Zhu, J., Yin, W., Wu, W., Zhu, H., Sun, D., Zhou, W., & He, Y. (2018). Combining UAV-based vegetation indices and image classification to estimate flower number in oilseed rape. Remote Sensing, 10(9), 1484. https://doi.org/10.3390/rs1009148 4

Wardlow, B. D., Egbert, S. L., & Kastens, J. H. (2007). Analysis of time-series MODIS 250 m vegetation index data for crop classification in the US Central Great Plains. Remote Sensing of Environment, 108(3), 290-310.

Xu, H. (2006). Modification of normalised difference water index (NDWI) to enhance open water features in remotely sensed imagery. International Journal of Remote Sensing, 27(14), 3025-3033.

Yu, Q., Gong, P., Clinton, N., Biging, G., & Kelly, M. (2006). Object-based detailed vegetation classification with airborne high spatial resolution remote sensing imagery. Photogrammetric Engineering & Remote Sensing, 72(7), 799-811.

Zhang, S., Zhang, X., Yao, X., Huang, J., & Liu, Y. (2013). Monitoring rice growth and estimating rice yield with RADARSAT-2 data for Heilongjiang province in northeast China. International Journal of Applied Earth Observation and Geoinformation, 23, 213-222.