

DAFTAR PUSTAKA

- Ahmed, M., Babayola, M., & Bake, I. (2024). Role of Horticultural Crops in Food and Nutritional Security: A Review. *Nutrition and Food Processing*, 7, 7. <https://doi.org/10.31579/2637-8914/226> \
- Aldiansyah, S., Risna, R. (2023). Mapping of Oldeman Agro-Climatic Zone Based on Climate Hazards Group Infrared Precipitation with Station Database in Southeast Sulawesi. *ECOTROPHIC*, 17(2): 174-187. <https://doi.org/10.24843/EJES.2023.v17.i02.p02>
- Amazirh, A., Merlin, O., Er-Raki, S., Gao, Q., Rivalland, V., Malbeteau, Y., Khabba, S., Escorihuela, M, J. (2018). Retrieving surface soil moisture at high spatio-temporal resolution from a synergy between Sentinel-1 radar and Landsat thermal data: A study case over bare soil. *Remote Sensing of Environment*, 211, 321–337
- Badan Pusat Statistik Kabupaten Gowa. (2020, 2024). Statistik Tanaman Hortikultura Kabupaten Gowa. BPS
- Crioni, P. L. B., Teramoto, E. H., da Cunha, C. F., & Kiang, C. H. (2025). Evaluation of the OPTRAM using Sentinel-2 imagery. *Revista Brasileira de Geografia Física*, 18(1), 605–621
- Dixon, G. R. (2012). Climate change – impact on crop growth and food production, and plant pathogens. *Canadian Journal of Plant Pathology*, 34(3), 362–379
- European Space Agency. (2024). Sentinel-2 Level-2A surface reflectance product [Satellite imagery]. Copernicus Data Space Ecosystem. Acquired at 15 September 2024, <https://browser.dataspace.copernicus.eu>
- European Space Agency. (2025). Sentinel-2 Level-2A surface reflectance product [Satellite imagery]. Copernicus Data Space Ecosystem. Acquired at 17 June 2025, <https://browser.dataspace.copernicus.eu>
- Ferreira, C. S. S., Soares, P. R., Guilherme, R., Giuliano, V., Boulet, A., Harrison, M, T., Malamiri, H., Duarte, A, C., Kalantari, Z., Ferreira, A, J, D. (2024). Sustainable Water Management in Horticulture: Problems, Premises, and Promises. *Horticulturae*, 10(9), 951. <https://doi.org/10.3390/horticulturae10090951>
- Firmanda, R. R., Harisuseno, D., & Hendrawan, A. P. (2022). Studi pengaruh sifat fisik tanah terhadap laju infiltrasi pada lahan pertanian. *Jurnal Teknologi dan Rekayasa Sumber Daya Air*, 2(1), 67–80.
- Intergovernmental Panel on Climate Change (IPCC). (2023). *Climate Change 2021 – The Physical Science Basis*. Cambridge University Press
- Jian, Z., Yang, Q., Shao, J., Wang, G., & Pandey, V. P. (2025). Spatiotemporal Variation in NDVI in the Sunkoshi River Watershed During 2000–2021 and Its Response to Climate Factors and Soil Moisture. *Water*, 17(15), 2232. <https://doi.org/10.3390/w17152232>
- Li, J., Niu, Z., Guo, Z., Li, J., Ye, S., Hua, D. (2025) Improving soil water dynamics and crop productivity through conservation tillage in arid regions. *Sci Rep* 15, 25242. <https://doi.org/10.1038/s41598-025-10956-5>

- Marrou, H., Gullioni, L., Dufour, L., Dupraz, C., & Wery, J. (2013). Microclimate Under Agrivoltaic Systems. *Agricultural and Forest Meteorology*, 177, 117–132
- Sadeghi, M., Babaeian, E., Tuller, M., & Jones, S. B. (2017). The optical trapezoid model. *Remote Sensing of Environment*, 198, 52–68
- Sarteshnizi, R, E., Vayghan, S, S., Jazirian, I. (2023). Estimation of Soil Moisture Using Sentinel-1 and Sentinel-2 Images. *ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences*. X-4/W1:137-142
- Sarwono, J. (2006). *Metode penelitian kuantitatif dan kualitatif*. Yogyakarta: Graha Ilmu.
- Sholihah, R, I., Karyati, N, E., Trisasongko, B, H., Panuju, D, R., Iman, L, O, S., Nadalia, D. (2022). Estimating soil moisture condition of paddy fields by using optical remote sensing imagery. *IOP Conf. Series: Earth and Environmental Science*, 1109 012067.
- Stańczyk, T., Kasperska-Wołowicz, W., Szatyłowicz, J., Gnatowski, T., & Papierowska, E. (2023). Surface Soil Moisture Determination of Irrigated and Drained Agricultural Lands with the OPTRAM Method and Sentinel-2 Observations. *Remote Sensing*, 15(23), 5576. <https://doi.org/10.3390/rs15235576>
- Tajudin, N., Ya'acob, N., Mohd Ali, D., & Adnan, N. A. (2021). Soil moisture index estimation from Landsat 8 images. *International Journal of Electrical and Computer Engineering*, 11(3), 2101–2108
- TerraClimate. (2024). Monthly precipitation data (2015–2024). <https://www.climateengine.org/>
- Yuniarti, W., Sumardjo., Widiatmaka., Wibawa. W, D. (2022). Development of Highland Vegetable Commodity Areas Through Multi-Criteria Decision Making (MCDM) Analysis and Geographic Information Systems. *IOP Conference Series: Earth and Environmental Science*. 950. 012074. 10. 1088/1755-1315/950/1/012074
- Zhao, Q., Qu, Y. (2024). The Retrieval of Ground NDVI (Normalized Difference Vegetation Index) Data Consistent with Remote-Sensing Observations. *Remote Sens.* 16, 1212. <https://doi.org/10.3390/rs16071212>