

## REFERENSI

- Abdelrahman, M. A. E., Saleh, A. M., & Arafat, S. M. (2022). Assessment of land suitability using a soil - indicator - based approach in a geomatics environment. *Scientific Reports*, 1–23. <https://doi.org/10.1038/s41598-022-22727-7>
- Ahmadi, M., Hemami, M. R., Kaboli, M., & Shabani, F. (2023). MaxEnt brings comparable results when the input data are being completed; Model parameterization of four species distribution models. *Ecology and Evolution*, 13(2), 1–13. <https://doi.org/10.1002/ece3.9827>
- Akbar, A., Darma, R., Fahmid, I. M., & Irawan, A. (2023). Determinants of Household Food Security during the COVID-19 Pandemic in Indonesia. *Sustainability (Switzerland)*, 15(5), 1–16. <https://doi.org/10.3390/su15054131>
- Ali, S., Makanda, T. A., Umair, M., & Ni, J. (2023). MaxEnt model strategies to studying current and future potential land suitability dynamics of wheat, soybean and rice cultivation under climatic change scenarios in East Asia. *PLoS ONE*, 18(12 December), 1–24. <https://doi.org/10.1371/journal.pone.0296182>
- Amaliatussolihah, W., Baiq Erna Listiana, & Dwi Ratna Anugrahwati. (2023). Keragaan Bawang Merah (*Allium ascalonicum* L.) Varietas Lokananta Hasil Induksi Poliploid dengan Kolkisin. *Jurnal Ilmiah Mahasiswa Agrokomplek*, 2(2), 210–221. <https://doi.org/10.29303/jima.v2i2.2552>
- Arif, S., Baja, S., Nurmiaty, N., Syamsuddin, E., & Syamsuddin, S. (2025). *Optimizing maize cultivation through Fuzzy AHP : Balancing land suitability , land use , and environmental sustainability*. 12(4), 8219–8233. <https://doi.org/10.15243/jdmlm.2025.124.8219>
- Aronoff, & Stanley. (1989). *Geographic Information Systems: A Management Perspective*. WDL Publications. <https://archive.org/details/geographicinform0000aron>
- Badan Pusat Statistik Kabupaten Demak. (2026). *Kabupaten Demak Dalam Angka 2026*.
- Badan Pusat Statistik Provinsi Jawa Tengah. (2026). *Jawa Tengah Dalam Angka 2026*.
- BPN. (2024). BPN (Badan Pangan Nasional). 2024. Rencana Aksi Badan Pangan Nasional. Badan Pangan Nasional. Jakarta. 38 hal. *BPN (Badan Pangan Nasional). 2024. Rencana Aksi Badan Pangan Nasional. Badan Pangan Nasional. Jakarta. 38 Hal.*
- Cepa, A., Kecamatan, L. D. I., & Kabupaten, L. (2023). *Hanisa et, al. Evaluasi Kesesuaian*

- Lahan Tanaman Bawang Merah (Allium cepa L.) di Kecamatan Lembang Kabupaten Pinrang.* 4(1), 37–45.
- Chen, M., Lv, G., Zhou, C., Lin, H., Ma, Z., He, Y., Zhu, Z., & Xu, K. (2021). *Geographic modeling and simulation systems for geographic research in the new era: Some thoughts on their development and construction.* 64(8), 1207–1223.
- Cho, Y. C., Lee, J. T., Park, Y. G., & Jeong, B. R. (2011). Annual Productivity and Adaptability of Growing Area in Shallot (*Allium cepa* var. *ascalonicum* Backer). *Korean Journal of Plant Research*, 24(2).
- Cimenyan, K., Bandung, K., Elias, A., Wulandari, I., Rohmatullayaly, E. N., Studi, P., Biologi, S., Biologi, D., Matematika, F., Alam, I. P., Padjadjaran, U., Bandung-sumedang, J. R., Barat, J., Biologi, D., Matematika, F., Alam, P., Padjadjaran, U., Km, J. R. B., & Barat, J. (2025). *PRODUKTIVITAS BAWANG MERAH SERTA ADAPTASI YANG DITERAPKAN PETANI DI DESA MEKARMANIK , THE IMPACT OF RAINFALL VARIATION ON RED ONION PRODUCTIVITY AND THE ADAPTATION IMPLEMENTED BY FARMERS IN MEKARMANIK VILLAGE , CIMENYAN DISTRICT , BANDUNG REGENCY* Abstract.
- Cochran, W. G., & Wiley, J. (n.d.). *Sampling Techniques third edition.*
- Das, B. (2024). *An Assessment on Land Suitability for Rice Cultivation Using Analytical Hierarchy Process in the Sivasagar District of Bhagya Das \* Study Area.* 5(July), 942–959. <https://doi.org/10.47857/irjms.2024.v05i04.01517>
- Faradilla, E., kaswanto, & Arifin, H. S. (2013). *ANALISIS KESESUAIAN LAHAN UNTUK RUANG TERBUKA HIJAU DAN RUANG TERBUKA BIRU DI SENTUL CITY , BOGOR.*
- Fitzgibbon, A., Pisut, D., & Fleisher, D. (2022). Evaluation of Maximum Entropy ( Maxent ) Machine Learning Corn Suitability. *Land*, 11, 1380.
- Food and Agriculture Organization (FAO). (1976). *A Framework for Land Evaluation (FAO Soils Bulletin No. 32).* FAO.
- Gao, B. (1996). *NDWI A Normalized Difference Water Index for Remote Sensing of Vegetation Liquid Water From Space.* 266(April), 257–266.
- Hosmer, D. W., Lemeshow, S., & Sturdivant, R. X. (2013). *Applied Logistic Regression.* Wiley.
- Indices, R. S. S. (2021). *Agricultural Land Suitability Assessment Using Satellite Remote Sensing-Derived Soil-Vegetation Indices.* 1–26.
- Jayanti, K. D. (2021). *Pengaruh Komposisi Media Tanam terhadap Pertumbuhan dan Hasil*

- Bawang Merah Effects of Planting Media Composition on the Growth and Yield of Shallot*. 5(1), 38–43. <https://doi.org/10.20961/agrotechresj.v5i1.44619>
- Kementerian Pertanian Republik Indonesia. (2013). *Peraturan Menteri Pertanian Republik Indonesia Nomor 79 Tahun 2013 tentang Pedoman Kriteria Teknis Kawasan Pertanian*.
- Lillesand Thomas M., Kiefer Ralph W., & Chipman Jonathan W. (2015). *Remote Sensing and Image Interpretation* (7th Editio). Wiley. <https://archive.org/details/remotesensingima0000lill>
- Malczewski, J. (2004). *GIS-based land-use suitability analysis : a critical*. 62, 3–65. <https://doi.org/10.1016/j.progress.2003.09.002>
- Mejlumyan, D., Sevoyan, G., Karapetyan, S., & Daveyan, S. (2026). Diversifying mountain agricultural systems in Armenia : Land suitability assessment for crop transition and sustainable intensification. *Journal of Agriculture and Food Research*, 28(April), 102934. <https://doi.org/10.1016/j.jafr.2026.102934>
- Phillips, S. J., Anderson, R. P., & Schapire, R. E. (2006). *Maximum entropy modeling of species geographic distributions*. 190, 231–259. <https://doi.org/10.1016/j.ecolmodel.2005.03.026>
- Prasetyo, A. S., Dalmiyatun, T., Gayatri, S., Prayoga, K., Sumekar, W., & Mariyono, J. (2024). Performance Analysis of Shallot Farming Under Glebagan System in Central Java, Indonesia. *Pakistan Journal of Agricultural Research*, 37(2), 158–164. <https://doi.org/10.17582/JOURNAL.PJAR/2024/37.2.158.164>
- Pusat Data Dan Sistem Informasi Pertanian Kementerian Pertanian. (2023). Outlook Bawang Merah. *Pusat Data Dan Sistem Informasi Pertanian Kementerian Pertanian 2023*, 10–11. [http://repo.iain-tulungagung.ac.id/5510/5/BAB 2.pdf](http://repo.iain-tulungagung.ac.id/5510/5/BAB%202.pdf)
- Risda, A., Abudarda, F., Zainuddin, M., & Hidayat, R. (2026). *Habitat modeling of little tuna ( Euthynnus affinis ) in Makassar Strait ( Indonesia ) using MaxEnt*. 27(1), 1–11.
- Sajid, M., Tariq, R., Usmani, M., & Rahman, A. (2026). *Quantifying the impact of land use and land cover change on land surface temperature using spatiotemporal multispectral remote sensing data*.
- Sathiyamurthi, S., Sivasakthi, M., & Saravanan, S. (2024). Environmental and Sustainability Indicators Assessment of crop suitability analysis using AHP-TOPSIS and geospatial techniques : A case study of Krishnagiri District , India. *Environmental and Sustainability Indicators*, 24(August), 100466. <https://doi.org/10.1016/j.indic.2024.100466>

- Shannon. (1948). *A Mathematical Theory of Communication*. 27(July 1928), 379–423.
- Singh, M., Nash, S. D., Solé, M., Raghavan Professor of Taxonomy, R., Editors Mira Bhojwani, E., Balakrishnan, N., Bhat, D., Professor, R., Kumar, P., Sampath Kumar, V., Solomon Raju, A., Raman, V., Ravi Prasad Rao, B., Ravikumar, K., Aparna Watve, I., Qiang Liu, I., Azhar Mohamed Shazili, N., Malaysia Terengganu, U., Terengganu, K., ... Vela, E. (2025). *Threatened Journal of*. 2025(January). [www.zooreach.org](http://www.zooreach.org)
- Solehah, P. F., & Fariyanti, A. (2024). Faktor-Faktor Yang Memengaruhi Risiko Produksi Bawang Putih Di Indonesia. *Forum Agribisnis*, 14(1), 18–34. <https://doi.org/10.29244/fagb.14.1.18-34>
- Sugiyono. (2019). *Metode Penelitian Kuantitatif, Kualitatif, dan R&D*. Alfabeta.
- Swets, J. A., & Swets, J. A. (1988). *Measuring the Accuracy of Diagnostic Systems Linked references are available on JSTOR for this article : Measuring the Accuracy of Diagnostic Systems*. 240(4857), 1285–1293.
- Sys, C., Van Ranst, E., & Debaveye, J. (1991). *Land Evaluation*.
- Teshome, T., Beko, B., Abebaw, S., & Kumsa, A. (2025). Evaluating irrigation suitability for wheat in East Shewa , Ethiopia using remote sensing and AHP. *Agricultural Water Management*, 319(February), 109777. <https://doi.org/10.1016/j.agwat.2025.109777>
- Weng, Q. (2012). *An Introduction to Contemporary Remote Sensing*. McGraw-Hill. <https://archive.org/details/introductiontoco0000weng>
- Wibowo, R. P., & Surbakti, N. J. R. (2023). Faktor-Faktor yang Mempengaruhi Permintaan dan Penawaran Bawang Merah di Indonesia. *Agro Bali : Agricultural Journal*, 6(2), 326–336. <https://doi.org/10.37637/ab.v6i2.1312>
- Zhang, C., Kerner, H., Wang, S., Hao, P., Li, Z., Hunt, K. A., Abernethy, J., Zhao, H., Gao, F., Di, L., Guo, C., Liu, Z., Yang, Z., Mueller, R., Boryan, C., Chen, Q., Beeson, P. C., & Zhang, H. K. (2025). Remote Sensing of Environment Remote sensing for crop mapping : A perspective on current and future crop-specific land cover data products. *Remote Sensing of Environment*, 330(September), 114995. <https://doi.org/10.1016/j.rse.2025.114995>