

Referensi

- [1] F. L. Adrian, "Pengaruh Curah Hujan, Kelembapan Udara, Dan Luas Panen Terhadap Hasil Produksi Jagung Di Sumatera Utara," 2018.
- [2] M. Goswami and K. Bhatt, "IOT Based Smart Greenhouse and Poultry Farm Environment Monitoring and Controlling using LAMP Server and Mobile Application," *Int. J. Adv. Res. Innov. Ideas Educ.*, vol. 3, no. 2, pp. 4114–4124, 2017, [Online]. Available: www.ijariie.com4114.
- [3] A. . McBratney and I. O. . Odeh, "Application of fuzzy sets in soil science: *fuzzy logic*, fuzzy measurements and fuzzy decisions," vol. 77, no. 2–4, pp. 85–113, 1997, [Online]. Available: <http://ssdi.di.fct.unl.pt/scl/docs/texts/fuzzy logic toolbox.pdf>.
- [4] H. H. Hadwan and Y. P. Reddy, "Smart home control by using Raspberry Pi & Arduino UNO," *Int. J. Adv. Res. Comput. Commun. Eng.*, vol. 5, no. 4, pp. 283–286, 2016, doi: 10.17148/IJARCCE.2016.5473.
- [5] P. Srivastava, M. Bajaj, and A. S. Rana, "IOT Based Controlling of Hybrid Energy System using ESP8266," 2018, doi: 10.1109/ETECHNXT.2018.8385294.
- [6] P. D. Prasetyo Adi and A. Kitagawa, "Performance evaluation WPAN of RN-42 bluetooth based (802.15.1) for sending the multi-sensor LM35 data temperature and raspberry pi 3 Model B for the database and internet gateway," *Int. J. Adv. Comput. Sci. Appl.*, vol. 9, no. 12, pp. 612–620, 2018, doi: 10.14569/IJACSA.2018.091285.
- [7] A. Galih Mardika and R. Kartadie, "Mengatur Kelembaban Tanah Menggunakan Sensor Kelembaban Tanah yl-69 Berbasis Arduino Pada Media Tanam Pohon Gaharu," *JOEICT (Jurnal Educ. Inf. Commun. Technol.)*, vol. 03, no. 02, pp. 130–140, 2019, doi: <https://doi.org/10.29100/joeict.v3i2.1163>.
- [8] L. Scheberl, B. C. Scharenbroch, L. P. Werner, J. R. Prater, and K. Fite, "Evaluation of soil and soil moisture with different field sensor: Case study urban soil," vol. 38, pp. 267–279, 2019, doi: <https://doi.org/10.1016/j.ufug.2019.01.001>.
- [9] A. A. Alfin and R. Sarno, "Soil Irrigation Fuzzy Estimation Approach Based On Decision In Sugarcane Industry.pdf," 2017, doi: 10.1109/ICTS.2017.8265659.
- [10] D. Alita, I. Tubagus, Y. Rahmanto, S. Styawati, and A. Nurkholis, "Sistem Informasi Geografis Pemetaan Wilayah Kelayakan Tanam Tanaman Jagung Dan Singkong Pada Kabupaten Lampung Selatan," *J. Soc. Sci. Technol. Community Serv.*, vol. 1, no. 2, pp. 1–9, 2020, doi: 10.33365/jsstcs.v1i2.815.
- [11] H. A. Setiawan, *Rancang bangun alat pengukur suhu, kelembaban dan ph tanah sebagai alat bantu budidaya cabai merah dan cabai rawit skripsi*. Semarang, 2019.
- [12] L. A. Rahayu, "Identifikasi Dan Deskripsi Fungi Penyebab Penyakit Pada Tanaman Kacang Panjang (*Vigna sinensis* L.)," *Univ. Islam Negeri SYariff Hidayatullah*, 2015.
- [13] P. Singh and S. Saikia, "Arduino-Based Smart Irrigation Using Water FlowSensor, Soil Moisture Sensor, Temperature Sensorand ESP8266 WiFi Module.pdf," 2016, doi: 10.1109/R10-HTC.2016.7906792.
- [14] S. B. Irwan, Z. Kuswanta, Futas Hidayat, Iskandar, S. Purba, Afandi, and R. Ali, "SOIL LOSS AND CASSAVA YIELD UNDER RIDGE TILLAGE IN HUMID TROPICAL CLIMATE OF SUMATERA, INDONESIA," vol. 18, no. 67, pp. 1–7, 2020.
- [15] K. Anwar, D. Syauqy, and H. Fitriyah, "Sistem Pendekripsi Kandungan Nutrisi dalam Tanah Berdasarkan Warna dan Kelembapan dengan Menggunakan Metode Naive Bayes," *J. Pengemb. Teknol. Inf. dan Ilmu Komput.*, vol. 2, no. 9, pp. 2491–2498, 2018, [Online]. Available: <http://j-ptiik.ub.ac.id>.
- [16] A. Taufiq, "Respons Tanaman Kedelai Terhadap Lingkungan Tumbuh," *Bul. Palawija*, no. 23, pp. 13–26, 2014, doi: 10.21082/bulpalawija.v0n23.2012.p13-26.
- [17] R. Kumar, M. . Singh, P. Kumar, and J. P. Singh, "Crop Selection Method to Maximize Crop Yield Rate using Machine Learning Technique," 2015, doi: 10.1109/ICSTM.2015.7225403.
- [18] L. Kamelia, M. R. Effendi, Y. S. Nugraha, and T. Priatna, "The Iot-Based Monitoring System for Humidity and Soil Acidity Using Wireless Communication.pdf," 2019, doi: 10.1109/ICWT47785.2019.8978243.
- [19] A. M. Rajeswari, A. S. Anushiya, K. S. A. Fathima, and N. Priya, S. Shanmuga Mathumithaa, "Fuzzy Decision Support System for Recommendation of Crop Cultivation based on Soil Type," pp. 68–70, 2020, doi: 10.1109/ICOEI48184.2020.9142899.