

DAFTAR PUSTAKA

- [1] Yudi Irwanto, “BIG Serahkan Peta NKRI Kepada Kemenkokesra,” *Badan Informasi Geopasal*. <https://www.big.go.id/content/berita/big-serahkan-peta-nkri-kepada-kemenkokesra>
- [2] H. Rasyid and G. Mumpuni Ningsih, “Application of Sustainable Agricultural Technology to Increase Productivity and Food Security,” *J. World Sci.*, vol. 3, no. 4, pp. 500–506, 2024, doi: 10.58344/jws.v3i4.594.
- [3] H. Aunia, “Analisis Peran Kelompok Tani Bareng Kompak Dalam Penyediaan Sarana dan Prasarana Studi Kasus Di Peresak Dusun Lokon Desa Sepit Kecamatan Keruak Kabupaten Lombok Timur),” *J. SIKAP (Solusi Ilm. Kebijak. dan Adm. Publik*, vol. 7, no. 1, pp. 21–31, 2022.
- [4] W. Narullova and Isralasmadi, “EFEKTIVITAS PELAKSANAAN ALSINTAN PADA KELOMPOK SASARAN Effectiveness of Implementing Alsintan in the Target Group,” *J. Din. Pertan. Ed. XXXIX Nomor*, vol. 1, no. 2023, pp. 249–260, 2023.
- [5] L. Tahunan and K. Pertanian, *Sekretariat Jenderal Kementerian Pertanian Sekretariat Jenderal Kementerian Pertanian*. 2019.
- [6] R. Khoiriyati, J. Winarno, and E. Lestari, “Strengthening Social Capital in Increasing The Welfare of Members in The Gapoktan Tani Makmur, Ngawi Regency,” *J. Indones. Sos. Sains*, vol. 3, no. 11, pp. 1467–1477, 2022, doi: 10.59141/jiss.v3i11.734.
- [7] Krishna Panduru; De Jong Yeong; Joseph Walsh, “A Comprehensive Data Collection System for Agricultural Machinery,” 2024, [Online]. Available: <https://ieeexplore.ieee.org/document/10603207>
- [8] F. Zhang, W. Zhang, X. Luo, Z. Zhang, Y. Lu, and B. Wang, “Developing an IoT-Enabled Cloud Management Platform for Agricultural Machinery Equipped with Automatic Navigation Systems,” *Agric.*, vol. 12, no. 2, 2022, doi: 10.3390/agriculture12020310.
- [9] Konstantinos Demestichas; Nikolaos Peppes; Theodoros Alexakis, “Survey on Security Threats in Agricultural IoT and Smart Farming,” 2020.
- [10] Y. Kataev, M. Mordasova, I. Tishaninov, and E. Gradov, “Monitoring of the technical

- condition of individual resource units and units of utilized agricultural machinery,” *E3S Web Conf.*, vol. 462, 2023, doi: 10.1051/e3sconf/202346201033.
- [11] S. Getahun, H. Kefale, and Y. Gelaye, “Application of Precision Agriculture Technologies for Sustainable Crop Production and Environmental Sustainability: A Systematic Review,” *ScientificWorldJournal.*, vol. 2024, p. 2126734, 2024, doi: 10.1155/2024/2126734.
- [12] S. H. P. Sitorus;, “Perancangan Sistem Monitoring Lokasi Kendaraan Menggunakan Gps U-Blox Berbasis Android,” 2021.
- [13] J. NIE; and B. YANG, “A DETAILED STUDY ON GPS AND GIS ENABLED AGRICULTURAL EQUIPMENT FIELD POSITION MONITORING SYSTEM FOR SMART FARMING,” vol. 22, 2021.
- [14] D. S. Mohamed Ismail Ahmed, “The role of technology in small agricultural projects,” *Int. J. Mod. Agric. Environ.*, vol. 1, no. 1, pp. 1–21, 2021, doi: 10.21608/ijmae.2023.215955.1015.
- [15] A. C. Momin, Md Abdul;Grift, Tony E.;Valente, Domingos S.;Hansen, “Sugarcane yield mapping based on vehicle tracking,” vol. 20, 2019, [Online]. Available: <https://link.springer.com/article/10.1007/s11119-018-9621-2>
- [16] J. Myint Mo Khin and M. Nyein Nyein Oo, “Real-Time Vehicle Tracking System Using Arduino, GPS, GSM and Web-Based Technologies,” *Int. J. Sci. Eng. Appl.*, vol. 7, no. 11, pp. 433–436, 2018, [Online]. Available: www.ijsea.com433
- [17] I. Moumen, N. Rafalia, and J. Abouchabaka, “Real - time GPS Tracking System for IoT - Enabled Connected Vehicles,” vol. 01095, 2023.
- [18] V. kumar P *et al.*, “IoT Based Smart Fuel Monitoring System,” *Int. J. Recent Technol. Eng.*, vol. 8, no. 2, pp. 14–20, 2019, doi: 10.35940/ijrte.a1146.078219.
- [19] T. Schempp, A. Kaufmann, and I. Stöhr, “A field tested adaptive user-interface - new ways to operate tractors,” *Vol. 2019, Issue 2361, Pages 235 - 241*, vol. 2019, no. 2361, p. Hanover, doi: 10.51202/9783181023617-235.
- [20] R. B. Koti and M. S. Kakkasageri, “Reliable Multihop Path Selection Scheme for Vehicle to Internet Communication,” 2022 , p. 2022, doi: 10.1109/ASIANCON55314.2022.9909019.

- [21] D. L. Guidoni, E. N. Gottsfritz, R. I. Meneguette, C. M. Silva, G. P. R. Filho, and F. S. H. Souza, "Toward an Efficient Data Dissemination Protocol for Vehicular Ad-Hoc Networks," *Vol. 10, Pages 123711 - 123722*, vol. 10, pp. 123711–123722, 2022, doi: 10.1109/ACCESS.2022.3224482.
- [22] M. M. Alotaibi and H. T. Mouftah, "Data dissemination for heterogeneous transmission ranges in VANets," *Vol. 2015-December, Pages 818 - 825*, vol. 2015-Decem, p. 2015, doi: 10.1109/LCNW.2015.7365933.
- [23] M. Fatoni and Adiananda, "Rancang Bangun Prototipe Pengaman Kendaraan Berbasis Gps Komunikasi Pesan Telegram Dan Thingspeak," *ELECTRON J. Ilm. Tek. Elektro*, vol. 2, no. 2, pp. 01–12, 2021, doi: 10.33019/electron.v2i2.1.
- [24] M. Burkhalter and B. T. Adey, "Required accuracy of information when determining optimal railway intervention programmes," *Infrastruct. Asset Manag.*, vol. 9, no. 1, pp. 18–27, Jun. 2021, doi: 10.1680/JINAM.20.00032.
- [25] D. Rahmawati, H. Sukri, M. A. Alfian, H. Setiawan, and R. Setiawibawa, "RANCANG BANGUN WIRELESS SENSOR NETWORK UNTUK BATTERY MANAGEMENT SYSTEM PADA PENERANGAN JALAN UMUM TENAGA SURYA," *TESLA J. Tek. Elektro*, vol. 26, no. 1, pp. 49–58, Apr. 2024, doi: 10.24912/tesla.v26i1.29444.
- [26] I. P. L. Dharma, S. Tansa, and I. Z. Nasibu, "Perancangan Alat Pengendali Pintu Air Sawah Otomatis dengan SIM800l Berbasis Mikrokontroler Arduino Uno," *J. Tek.*, vol. 17, no. 1, pp. 40–56, 2019, doi: 10.37031/jt.v17i1.25.
- [27] A. H. Kuspranoto and M. U. Nuha ABA, "Rancang Bangun Elektrostimulator dengan Output Tiga Gelombang Berbasis Arduino Mega Pro Mini 2560," *Med. Tek. J. Tek. Elektromedik Indones.*, vol. 5, no. 2, pp. 91–103, Apr. 2024, doi: 10.18196/mt.v5i2.15867.
- [28] D. Hercog, T. Lerher, M. Truntič, and O. Težak, "Design and Implementation of ESP32-Based IoT Devices," *Sensors*, vol. 23, no. 15, 2023, doi: 10.3390/s23156739.
- [29] A. B. P. Manullang, Y. Saragih, and R. Hidayat, "Implementasi NodeMCU ESP8266 dalam Rancang Bangun Sistem Keamanan Sepeda Motor Berbasis IoT," *J. Inform. Rekayasa Elektron.*, vol. 4, no. 2, pp. 163–170, 2021, [Online]. Available: <http://e-journal.stmiklombok.ac.id/index.php/jireISSN.2620-6900>
- [30] J. K. Brajamusti and C. K. Nurjanah, "RANCANG BANGUN SISTEM SATELIT

- BUATAN BERBASIS ESP32 DENGAN FITUR KOMUNIKASI MENGGUNAKAN MODUL GSM SIM800L,” *J. Elektro dan Telekomun. Terap.*, vol. 10, no. 1, p. 17, Jul. 2023, doi: 10.25124/jett.v10i1.6123.
- [31] R. A. Hasibuan, M. Abdi, T. Informasi, U. Muhammadiyah, S. Utara, and P. Gunung, “Rancang bangun sistem pelacak (gps) untuk memonitoring pendaki gunung berbasis arduino,” vol. 8, no. 6, pp. 11982–11991, 2024.
- [32] SIMCom, “SIM900 the GSM/GPRS Module for M2M Applications,” *GSM / GPRS Modul.*, vol. 1, no. SIM900 the GSM/GPRS Module for M2M Applications, p. 2, 2013.
- [33] Y. Miftahuddin, S. Umaroh, and F. R. Karim, “Perbandingan Metode Perhitungan Jarak Euclidean, Haversine, Dan Manhattan Dalam Penentuan Posisi Karyawan,” *J. Tekno Insentif*, vol. 14, no. 2, pp. 69–77, 2020, doi: 10.36787/jti.v14i2.270.
- [34] T. O. Hodson, “Root-mean-square error (RMSE) or mean absolute error (MAE): when to use them or not,” *Geosci. Model Dev.*, vol. 15, no. 14, pp. 5481–5487, Jul. 2022, doi: 10.5194/gmd-15-5481-2022.
- [35] M. Hilmansyah Susanta, “Pengukuran Tegangan dan Arus Listrik Menggunakan Sensor INA 219 Berbasis Arduino,” *Scientica*, vol. 3, no. 1, pp. 326–332, 2024.
- [36] D. Wahyudi, A. K. Nalendra, and P. B. Utomo, “Deteksi Lokasi Kendaraan Menggunakan Gps Dan Gsm Berbasis Mikrokontroler,” *JAMI J. Ahli Muda Indones.*, vol. 4, no. 1, pp. 1–12, 2023, doi: 10.46510/jami.v4i1.143.
- [37] Muhamad Satibi Mulya, I. Yustiana, and I. Lucia Khrisma, “Rancang Bangun Sistem Keamanan dan Monitoring Kendaraan Berbasis IoT dan Mobile Apps,” *J. CoSciTech (Computer Sci. Inf. Technol.*, vol. 3, no. 2, pp. 58–65, 2022, doi: 10.37859/coscitech.v3i2.3934.
- [38] G. Poornima, C. Parthasarathy, K. Umapathy, D. K. T. M. A. Archana, and N. A. Kumar, “GPS Based Smart Vehicle Tracking and Monitoring System,” in *2024 Second International Conference on Intelligent Cyber Physical Systems and Internet of Things (ICoICI)*, Aug. 2024, pp. 506–511. doi: 10.1109/ICoICI62503.2024.10696113.
- [39] V. Mahore, P. Soni, P. Patidar, H. Nagar, A. Chouriya, and R. Machavaram, “Development and implementation of a raspberry Pi-based IoT system for real-time performance monitoring of an instrumented tractor,” *Smart Agric. Technol.*, vol. 9, no. August, p. 100530, 2024, doi: 10.1016/j.atech.2024.100530.