

DAFTAR PUSTAKA

- [1] Zakarias Adrianto Mautuka, Astriana Maifa, and Martasiana Karbeka, “Pemanfaatan Biochar Tongkol Jagung Guna Perbaiki Sifat Kimia Tanah Lahan Kering,” *Jurnal Ilmiah Wahana Pendidikan*, vol. 8, Jan. 2022.
- [2] Kusnadi, “Dampak Perubahan Iklim Global Terhadap Pertanian dan Ketahanan Pangan,” <https://infopublik.id/kategori/cerita-khas/508469/dampak-perubahan-iklim-global-terhadap-pertanian-dan-ketahanan-pangan>.
- [3] faridatunnissa04, “Penggunaan Pupuk dan Pencemaran Air Tanah,” <https://www.mertani.co.id/post/penggunaan-pupuk-dan-pencemaran-air-tanah>.
- [4] Adi Nugraha, Iwan Setiawan, Ahmad C, Tridakusumah, Hepi Hapsari, and Ganjar Kurnia, “PENINGKATAN KAPASITAS KELEMBAGAAN TANI DAN PENINGKATAN PRODUKTIVITAS LAHAN BERDASARKAN KARAKTERISTIK TANAH DAN LINGKUNGANNYA,” *Jurnal Aplikasi Ipteks untuk Masyarakat*, vol. 12, Jun. 2023.
- [5] A. Fakhrezi, “Rancang Bangun Sistem Monitoring Unsur Hara, Kelembaban, PH Tanah Dan Suhu Udara Berbasis Iot Menggunakanmikrokontroler ESP32 Iot Based Monitoring System Of Nutrient, Soil Moisture, Soil PH And Air Temprature Using ESP32 Microcontroller,” 2023.
- [6] M. F. Rahman, F. Budiman, and A. Z. Fuadi, “SISTEM MONITORING KEADAAN TANAH BERBASIS IOT IOT BASED SOIL STATE MONITORING SYSTEM,” 2021.
- [7] A. F. Ulva, Nurdin, R. Putra Fhonna, D. Yulisda, M. Nur, and R. Setiawan, “Aplikasi IoT Pemantauan Detak Jantung Pasien Lansia Beresiko Tinggi di RSCM Cut Mutia Lhokseumawe Berbasis Mobile,” *G-Tech: Jurnal Teknologi Terapan*, vol. 7, no. 1, pp. 237–246, Jan. 2023, doi: 10.33379/gtech.v7i1.1979.
- [8] Othmane Friha, Mohamed Amine Ferrag, Lei Shu, Leandros Maglaras, and Xiaochan Wang, “Internet of Things for the Future of Smart Agriculture: A

- Comprehensive Survey of Emerging Technologies,” *IEEE/CAA JOURNAL OF AUTOMATICA SINICA*, vol. 8, Apr. 2021.
- [9] Suprava Ranjan Laha, Binod Kumar Pattanayak, Saumendra Pattnaik, Debashree Mishra, Debasish Swapnesh Kumar Nayak, and Bibhuti Bhusan Dash, “An IoT-based Soil Moisture Management System for Precision Agriculture: Real-Time Monitoring and Automated Irrigation Control,” *Proceedings of the Fourth International Conference on Smart Electronics and Communication (ICOSEC-2023)*, 2023.
- [10] Ravesa Akhter and Shabir Ahmad Sof, “Precision agriculture using IoT data analytics and machine learning,” *Journal of King Saud University – Computer and Information Sciences*, May 2021.
- [11] Mr. Muqueet ur Rehman, Dr. Sachin S. Agrawal, and Dr. P. M. Jawandhiya, “IoT Based Smart Farming using Decision Support System ,” *International Journal of Research in Advent Technology*, vol. 8, Aug. 2020.
- [12] Shubo Liu, Liqing Guo, Heather Webb, Xiao Yao, and Xiao Chang, “Internet of Things Monitoring System of Modern Eco-agriculture Based on Cloud Computing,” *Digital Object Identifier*, Mar. 2019.
- [13] L. Mahir Rachman, F. Hazra, and R. Anisa, “PENILAIAN TERHADAP SIFAT-SIFAT FISIKA DAN KIMIA TANAH SERTA KUALITASNYA PADA LAHAN SAWAH MARJINAL,” *Jurnal Tanah dan Sumberdaya Lahan*, vol. 7, no. 2, pp. 225–236, Jul. 2020, doi: 10.21776/ub.jtsl.2020.007.2.6.
- [14] M. Agustina, “KAJIAN UNSUR HARA MAKRO DAN MIKRO PADA PERTUMBUHAN TANAMAN,” 2022.
- [15] F. Puja Santana, M. Ghulamahdi, and I. Lubis, “Respons Pertumbuhan, Fisiologi, dan Produksi Kedelai terhadap Pemberian Pupuk Nitrogen dengan Dosis dan Waktu yang Berbeda,” *Jurnal Ilmu Pertanian Indonesia*, vol. 26, no. 1, pp. 24–31, Dec. 2020, doi: 10.18343/jipi.26.1.24.
- [16] Wahyunto, Hikmatullah, Erna Suryani, Chendy Tafakresnanto, Sofyan Ritung, and Anny Mulyani, *PEDOMAN PENILAIAN KESESUAIAN LAHAN UNTUK KOMODITAS PERTANIAN STRATEGIS Tingkat Semi Detail Skala 1:50.000*. Repostory Pertanian, 2020. Accessed: Jul. 14, 2024. [Online].

Available:

<https://repository.pertanian.go.id/server/api/core/bitstreams/ef41e9c6-9728-4eb0-898e-bf1831755800/content>

- [17] Khairul Husna, Ashabul Anhar, and Ali Muhammad Muslih, “Inventarisasi Jenis dan Kerapatan Vegetasi pada Tegakan Hutan dan Agroforestri Kopi di KPH Wilayah II, Aceh Tengah,” *JURNAL ILMIAH MAHASISWA PERTANIAN*, Nov. 2023.
- [18] Amar Ma’ruf, “Lahan Pesisir,” *universitas asahan*, 2019, doi: 10.31227/osf.io/pgfyv.
- [19] Walufi Elsani, Wardah Niati, Ieke Wulan Ayu, Ade Maryam Oklima, and Wening Kusumawardani, “IDENTIFIKASI SPESIES TUMBUHAN PENYUSUN EKOSISTEM PESISIR PANTAI DUSUN PATEDONG, DESA SEBOTOK,PULAU MOYO, SUMBAWA,” *JurnalAgroteknologi Universitas Samawa*, vol. 3, 2023.
- [20] Neng Riris Sudolar, “Potensi Pengembangan Budi Daya Ternak Kambing di Wilayah Pesisir,” *Universitas Sriwijaya (UNSRI)*, Oct. 2020.
- [21] T. Sinta, J. Teknik Elektro, A. Mujahid, and M. Jannah, “Penyiraman Tanaman Otomatis Menggunakan Sensor pH Tanah dan Sensor Kelembaban,” *Jurnal Arus Elektro Indonesia (JAEI)*, vol. 9, no. 2, 2023.
- [22] A. Dewi, “Rancang Bangun Agriculture Node Untuk Monitoring Kualitas Tanah Berbasis Lora AS923-2 Guna Mendukung Penelitian Integrated Smart Farming Di Laboratorium Inacos Universitas Telkom Agriculture Node Design For Soil Quality Monitoring Based On Lora AS923-2 To Support,” 2023. Accessed: Dec. 20, 2023. [Online]. Available: <https://openlibrarypublications.telkomuniversity.ac.id/index.php/appliedscience/article/view/19574>
- [23] N. Latif, “PENYIRAMAN TANAMAN OTOMATIS MENGGUNAKAN SENSOR SOIL MOISTURE DAN SENSOR SUHU,” vol. 7, no. 1, 2021, [Online]. Available: <http://ejournal.fikom-unasman.ac.id>
- [24] R. Aditya, V. Handrianus Pranatawijaya, P. Bagus Adidyana Anugrah Putra, J. Hendrik Timang, K. Palangkaraya, and K. Tengah, “Rancang Bangun Aplikasi Monitoring Kegiatan Menggunakan Metode Prototype,” 2021.

- [25] R. Audia Utami, R. Fitria, R. Meiyanti, M. Ikhwani, and Z. Ardian, “Web-Based of The Regency Apparatus Work Unit Application at the Communications, Informatics, and Encryption Service of Bireuen Regency in Aceh Province,” *International Journal of Engineering, Science and Information Technology*, 2022, doi: 10.52088/ijesty.v1i4.389.
- [26] A. Kumar, A. Kumar, A. De, S. Shekhar, and R. K. Singh, “IoT based farming recommendation system using soil nutrient and environmental condition detection,” *International Journal of Innovative Technology and Exploring Engineering*, vol. 8, no. 11, pp. 3055–3060, Sep. 2019, doi: 10.35940/ijitee.K2335.0981119.
- [27] S. S. Udupudi, A. E. M, P. Shivam, and A. G. L, “AUTOMATIC SOIL NUTRIENTS AND CROP DETECTION MANAGEMENT SYSTEM USING IOT,” 2021. [Online]. Available: www.ijariie.com
- [28] Oktavia Ariyant, Cahyadi Setiawan, and Fauzi Ramadhuan A’Rachman, “Evaluasi Kesesuaian Lahan Tanaman Padi Sawah di Desa Weninggalih, Kecamatan Jonggol, Kabupaten Bogor,” *JURNAL UNIVERSITAS NEGERI JAKARTA*, Mar. 2022.
- [29] Andrias Izaac Latupapua, “Hubungan pH, Eh, dan EC dengan Produksi Kelapa Rakyat pada Tempat Tumbuh yang Berbeda,” *Fakultas Pertanian Universitas Pattimura*, vol. 9, pp. 01–08, Apr. 2020.
- [30] Yakub Dimon, Ramli Hadun, and Adnan Sofyan, “Analisis Kesesuaian Lahan Untuk Pengembangan Ekowisata Mangrove di Kawasan Ekosistem Esensial (KEE) Tanjung Boleu Desa Kao Kabupaten Halmahera Utara,” *Jurnal Pertanian Khairun*, vol. 1, Dec. 2022.
- [31] Asri Nursaiidah, Nurpilihan Bafdal, and Kharistya Amaru, “Analisis Kesesuaian Lahan Tanaman Alpukat (*Persea Americana*) dalam Pengelolaan Lahan di Sub Das Cimanuk Hulu,” *Jurnal Agrotek Indonesia*, vol. 7, pp. 1–8, Mar. 2022.
- [32] Wendy Krisnata, Sari Virgawati, and Eko Amiadji Julianto, “KESESUAIAN LAHAN UNTUK TANAMAN ANGGUR DI KELURAHAN PAKEMBINANGUN, KAPANEWON PAKEM, DAERAH ISTIMEWA

- YOGYAKARTA,” *Jurnal Tanah dan Air (Soil and Water Journal)*, vol. 19, Jun. 2022.
- [33] Rizka Yuhazeri Putri, Kiman Siregar, and Devianti, “Pertumbuhan Tanaman Stroberi (*Fragaria sp.*) Secara Hidroponik di Dataran Rendah pada Berbagai Nilai EC (Electrical Conductivity),” *JURNAL ILMIAH MAHASISWA PERTANIAN*, vol. 5, Feb. 2020.
- [34] Jacob Richard Patty and Christoffol Leiwakabessy, “PERTUMBUHAN DAN PRODUKSI TANAMAN SAWI MELALUI APLIKASI PUPUK ORGANIK LUMPUR LAUT DENGAN PUPUK KANDANG ,” *Jurnal Pertanian Kepulauan*, vol. 7, pp. 23–34, Mar. 2023.
- [35] Genesiska, Mulyono, and Azwin Intan Yufantar, “Pengaruh Jenis Tanah Terhadap Pertumbuhan dan Hasil Tanaman Jagung (*Zea mays L.*) Varietas Pulut Sulawesi,” *Journal of Agricultural Science*, vol. 5, 2020.
- [36] Nurmegawati, Yudi Sastro, Yahumri, Yulie Oktavia, and Jhon Firison, “Karakteristik Lahan untuk Kesesuaian Tanaman Apel (*Malus sylvestris Mill.*) di Kecamatan Sindang Dataran, Kabupaten Rejang Lebong, Bengkulu,” *Jurnal Hortikultura*, vol. 1, 2021.
- [37] Rachmat Udhi Prabowo, Laily Nur Azizah, Puput Regita Agadinansyah, and Dimas Bastara Zahrosa, “AMPLIFIKASI SISTEM AGRIBISNIS KOMODITAS SAWI KABUPATEN MALANG,” *AGRIBIOS: Jurnal Ilmiah*, vol. 20, Nov. 2022.
- [38] Mieke Rochimi Setiawati, Nadia Rachelita, Betty Natalie Fitriatin, and Anne Nurbaity, “Pengaruh Pemberian Asam Humat, Asam Fulvat, dan Pupuk Hayati pada Media Tanam terhadap Beberapa Sifat Kimia Tanah, Hasil, dan Kualitas Buah Stroberi (*Fragaria ananassa*),” *Journals of Universitas Padjadjaran*, vol. 2, pp. 255–263, Aug. 2023.
- [39] Ardi Wiranata Sirait and Sumeru Ashar, “Eksplorasi Pisang (*Musa sp.*) sebagai Sumberdaya Genetik Lokal Unggul di Kabupaten Tanggamus Provinsi Lampung,” *Jurnal Produksi Tanaman*, vol. 7, Apr. 2019.