

DAFTAR PUSTAKA

- [1] minxinfan, “Pentingnya & Tindakan Pengendalian Iklim di Peternakan Sapi Perah,” *minxin.dll*, 2021. <https://id.exhaustfanchina.com/pentingnya-pengendalian-iklim-di-peternakan-sapi-perah/> (accessed Nov. 14, 2022).
- [2] I. M. Sari and N. Firmawati, “Rancang Bangun Sistem Kontrol Suhu dan Ketinggian Air Secara Otomatis Pada Kandang Sapi Perah Berbasis Arduino Uno,” *J. Fis. Unand*, vol. 9, no. 4, pp. 558–564, Jan. 2021, doi: 10.25077/jfu.9.4.558-564.2020.
- [3] D. Heraini, B. Priyo Purwanto, and J. H. Hadari Nawawi, “Comparison Of Environmental Temperature and Feed Effect on Productivity of Dairy Cattle in the Area With Different Height,” vol. 7, no. 2, pp. 234–240, 2019.
- [4] “BPS Kabupaten Banyumas.” <https://banyumaskab.bps.go.id/indicator/24/81/1/jumlah-sapi-perah.html> (accessed Jan. 30, 2023).
- [5] B. K. Banyumas, “Populasi Sapi Perah Menurut Kecamatan dan Jenis Kelamin,” 2019. <https://banyumaskab.bps.go.id/statictable/2020/03/29/230/populasi-sapi-perah-menurut-kecamatan-dan-jenis-kelamin-ekor-2019.html> (accessed Nov. 14, 2022).
- [6] M. Gofur, D. Risqiwati, and V. R. Setyaning Nastiti, “Sistem Monitoring Gas Amonia dan Kadar Bersih Udara Pada Kandang Sapi Perah Dengan Menggunakan Protokol Komunikasi MQTT Dan Algoritma Rule Based System,” *J. Repos.*, vol. 3, no. 1, pp. 77–86, 2020, doi: 10.22219/repositor.v2i9.537.
- [7] S. P. Dr. Roni Pazla, S.Pt, MP, Antonius, S.Pt. M.si, Ir.Erpomen, MP., Dwi Nanda Indah Sari, upaya mengurangi gas metana dari sektor peternakan, Penerbit Adab, 2022. [Online]. Available: https://books.google.co.id/books?hl=id&lr=&id=wWojEAAAQBAJ&oi=fnd&pg=PA2&dq=bahaya+gas+metana+pada+kandang&ots=bVP07HbgCX&sig=ROVCmxaEsJFPia1nPYI-fHBej-I&redir_esc=y#v=onepage&q&f=false

- [8] D. Junesco, E. Supriyanto, A. Hasan, and M. Mukhlisin, "QoS analysis of WSN (Wireless Sensor Network) using node MCU and accelerometer sensors on bridge monitoring systems," *IOP Conf. Ser. Mater. Sci. Eng.*, vol. 1108, no. 1, p. 012025, 2021, doi: 10.1088/1757-899x/1108/1/012025.
- [9] Suparyanto dan Rosad (2015, "No Title No Title No Title," *Suparyanto dan Rosad (2015*, vol. 5, no. 3, pp. 248–253, 2020.
- [10] C. Juditha, "dampak penggunaan teknologi informasi (Studi Di Desa Melabun, Bangka Tengah, Kepulauan Bangka Belitung)," *J. PIKOM (Penelitian Komun. dan Pembangunan)*, vol. 21, no. 2, p. 131, 2020, doi: 10.31346/jpikom.v21i2.2660.
- [11] "Kenali Apa Itu Internet of Things, Cara Kerja & Manfaatnya," 2022. <https://ofis.bluepowertechnology.com/blog-detail/kenali-apa-itu-internet-of-things-cara-kerja-manfaatnya/> (accessed Jan. 18, 2023).
- [12] "What is MQTT? A practical introduction," *OPC Router*. <https://www.opc-router.com/what-is-mqtt/>
- [13] "What is QoS in Networking?," *Fortinet*. <https://www.fortinet.com/resources/cyberglossary/qos-quality-of-service> (accessed Jan. 10, 2023).
- [14] R. Teja, "Getting Started with ESP32 | Introduction to ESP32," *Electronics Hub*, 2021. <https://www.electronicshub.org/getting-started-with-esp32/> (accessed Jan. 18, 2022).
- [15] "DHT22 Datasheet." <http://www.aosong.com> (accessed Jan. 10, 2023).
- [16] F. Rizqi Nurdiana, I. Gunawan, R. Cahya Viollita, Ma. Faizal, D. Nurcahyadi abcde Teknik informatika, and S. Tinggi Teknologi Ronggolawe Cepu Penulis Korenspondensi, "Analisis Keamanan Jaringan Wifi Menggunakan Wireshark," 2021. [Online]. Available: <http://searchsecurity.techtarget.com/tip/Wireshark-tutorial->
- [17] P. Tsania Mahmud *et al.*, "sniffing jaringan menggunakan wireshark," 2019.
- [18] Z. M. Luthfansa and U. D. Rosiani, "Pemanfaatan Wireshark untuk Sniffing Komunikasi Data Berprotokol HTTP pada Jaringan Internet."
- [19] L. M. Silalahi, I. Kampono, A. D. Rochendi, M. Husni, R. Sutiadi, and D.

- P. P. Mbarep, “Pemantau Gas Metana, Suhu, dan Kelembaban sebagai Penyebab Efek Rumah Kaca Dipadang Lamun Berbasis Internet Of Things,” *Kilat*, vol. 10, no. 2, pp. 223–234, 2021, doi: 10.33322/kilat.v10i2.1349.
- [20] “bahayanya kentut sapi?,” *Badan Penelitian dan Pengembangan Pertanian*. <http://www.litbang.pertanian.go.id/tahukah-anda/222/#:~:text=Kentut sapi bisa mengganggu keseimbangan iklim&text=Gas metana dari kentut sapi,lebih kuat merusak atmosfer bumi.> (accessed Jan. 02, 2023).
- [21] A. Latif, “potensi pengelolaan pengolahan limbah sapi,” *J. Syntax Fusion*, vol. 2, 2022.
- [22] S. A. Akbar, “Sensor Gas Amonia Berbasis Polimer Konduktif Polianilina: Sebuah Review,” *Quim. J. Kim. Sains dan Terap.*, vol. 3, no. 2, pp. 1–8, 2022, doi: 10.33059/jq.v3i2.4678.
- [23] A. P. Sasmito, R. Primaswaran, and F. T. Industri, “penerapan logika fuzzy pada kandang ayam berbasis IoT Sensor Ultrasonik HC-SR04,” vol. 5, no. 1, pp. 315–320, 2021.
- [24] “MQ gas series sensor,” *robu.in*. <https://robu.in/mq-series-gas-sensor/> (accessed Jan. 10, 2023).