

DAFTAR PUSTAKA

1. K. S. Nindya Ovitasari, D. Cantrika, Y. A. Murti, E. S. Widana, and I. G. A. Kurniawan, "Edukasi Pengolahan Sampah Organik dan Anorganik di Desa Rejasa Tabanan," *Bubungan Tinggi J. Pengabdi. Masy.*, vol. 4, no. 2, 2022.
2. Kementerian Lingkungan Hidup dan Kehutanan (KLHK), "KLHK Dampingi Pemerintah Daerah Tuntaskan Amanat Presiden Agar Indonesia Bersih Sampah 2025," <https://ppid.menlhk.go.id/berita/siaran-pers/4229/klhk-dampingi-pemerintah-daerah-tuntaskan-amanat-presiden-agar-indonesia-bersih-sampah-2025>, 2024-03-19.
3. Kota Bandung, "Website Resmi Kota Bandung - Open Data," <https://www.bandung.go.id/dashboard/detail/opendata>, 2023-11-21.
4. Antara News, "Pemkot Bandung tetapkan kebijakan sampah yang tidak dipilah tidak akan diangkut petugas," *Megapolitan Antara News*, Nov. 2024. [Online]. Available: <https://megapolitan.antaranews.com/berita/317653/pemkot-bandung-tetapkan-kebijakan-sampah-yang-tidak-dipilah-tidak-akan-diangkut-petugas>.
5. Ismail, M. A., Abdullah, R. K., & Abdussamad, S. (2021). Tempat Sampah Pintar Berbasis Internet of Things (IoT) Dengan Sistem Teknologi Informasi. *Jambura Journal of Electrical and Electronics Engineering (JEEEE)*.
6. Ramadhan, M. K. R., Fahmi A. M., Gilbran Z. S. (2023). Tempat Sampah Pintar Untuk Management Sampah Skala Rumah Tangga. *WRAP Entrepreneurship* (Capstone).
7. Ramadhina Trie Ananda, Djamaludin, Dadang Sujana. (Desember 2021). SISTEM TEMPAT SAMPAH PINTAR BERBASIS IoT MENGGUNAKAN APLIKASI BLYNK. *Jurnal Elektro Telekomunikasi Terapan*, Vol. 8, No. 2, Halaman: 1027-1038.
8. M. A. I. Mualief, R. K. Abdullah, dan S. Abdussamad, "Tempat Sampah Pintar Berbasis Internet of Things (IoT) Dengan Sistem Teknologi Informasi," *Jambura Journal of Electrical and Electronics Engineering*, vol. 3, no. 1, pp. 1–10, Jan. 2021.
9. Anas, M., Hikmah, N., & Aprilia, I. (Tahun 2022). "Smart Trash: Klasifikasi Sampah Otomatis Dengan Sensor Proximity Berbasis Arduino." Vol. 3, No. 2.
10. Waste4Change, "Permasalahan Sampah Global: Tantangan dan Solusinya," *Waste4Change Blog*, Aug. 2022. [Online]. Available:

- <https://waste4change.com/blog/permasalahan-sampah-global-tantangan-dan-solusinya/>. [Accessed: Dec. 24, 2024].
11. Program Studi Magister Kajian Pariwisata UGM, "Semakin Mendesak, Isu Sampah Kembali Menjadi Sorotan," Program Pascasarjana UGM, Sep. 30, 2024. [Online]. Available: <https://pkp.pasca.ugm.ac.id/2024/09/30/semakin-mendesak-isu-sampah-kembali-menjadi-sorotan/>. [Accessed: Dec. 24, 2024].
 12. Infopublik, "Pengolahan Sampah Konvensional Sudah Sepatutnya Ditinggalkan," *Infopublik.id*, Dec. 2024. [Online]. Available: <https://www.infopublik.id/kategori/nasional-sosial-budaya/748156/pengolahan-sampah-konvensional-sudah-sepatutnya-ditinggalkan>
 13. . Telkom University, "Apa Itu IoT?" Direktorat Sistem Informasi Telkom University, [Online]. Available: <https://docif.telkomuniversity.ac.id/apa-itu-iot/>
 14. N. D. K. Salwa, "IoT dalam Pengelolaan Sampah," Cloud Computing Indonesia. [Online]. Available: <https://www.cloudcomputing.id/pengetahuan-dasar/iot-pengelolaan-sampah>. [Accessed: Oct. 22, 2024]
 15. Monster Mac, "Pengelolaan Sampah Berbasis IoT," Monster Mac. [Online]. Available: <https://monstermac.id/pengelolaan-sampah-berbasis-iot/>. [Accessed: Apr. 13, 2023]
 16. B. Susetyo, "Environmental Sanitation: Strategies and Challenges in Waste Management," *International Journal of Society Reviews (INJOSER)*, vol. 2, no. 7, pp. 1960-1975, Jul. 2024.
 17. M. Yaseen, "What is YOLOv9: An In-Depth Exploration of the Internal Features of the Next-Generation Object Detector," National University of Computer and Emerging Sciences, Lahore, Pakistan, Sep. 13, 2024.
 18. R. Sapkota, Z. Meng, M. Churuvija, X. Du, Z. Ma, and M. Karkee, "Comprehensive Performance Evaluation of YOLO11, YOLOv10, YOLOv9 and YOLOv8 on Detecting and Counting Fruitlet in Complex Orchard Environments," *arXiv preprint arXiv:2407.12040*, 2024. doi: 10.48550/arXiv.2407.12040.
 19. Wahyudin, S. Syamsiah, and Sunjoto, "Sistem Pengelolaan Sampah Perkotaan di Kota Bima Provinsi Nusa Tenggara Barat," *Jurnal Manusia dan Lingkungan*, vol. 24, no. 3, pp. 103-115, Aug. 2017, doi: 10.22146/jml.30101.
 20. D. M. Wonohadidjojo and J. A. Wibawa, "Sistem Pemantauan dan Pengendalian Alat Elektronik Dengan Stop Kontak Pintar Menggunakan Aplikasi Smartphone,"

- Jurnal Sistem dan Teknologi Informasi (JUSTIN)*, vol. 11, no. 2, pp. 75-84, Apr. 2023, doi: 10.26418/justin.v11i2.56366.
21. D. A. Hutchins, C. Li, G. Chen, X. Yin, dan W. Li, "A capacitive-inductive dual modality imaging system for non-destructive evaluation applications," *NDT & E International*, vol. 115, pp. 102-145, 2020.
 22. X. Cong, S. Li, F. Chen, C. Liu, and Y. Meng, "A Review of YOLO Object Detection Algorithms Based on Deep Learning," *Frontiers in Computing and Intelligent Systems*, vol. 4, no. 2, pp. 17-20, 2023.
 23. M. Rahayu, M. N. Widlan, A. Ashari, dan H. A. Bramantyo, "Smart Trash Bin with Web Integrated Volume Monitoring and Sorting System via MQTT Protocol," *E-Joint Electronica and Electrical Journal of Innovation Technology*, vol. 3, no. 1, pp. 1–11, Juni 2022.
 24. Media Center ITBMG, "Mikrokontroler: Pengertian, Fungsi, dan Jenis-jenisnya," *Media Center ITBMG*, [Online]. Available: <https://mediacenter.itbmg.ac.id/mikrokontroler-pengertian-fungsi-dan-jenis-jenisnya/>.
 25. D. A. Hutchins, C. Li, G. Chen, X. Yin, dan W. Li, "A capacitive-inductive dual modality imaging system for non-destructive evaluation applications," *NDT & E International*, vol. 115, pp. 102-145, 2020.
 26. "Logitech 720p Webcam C510," *Amazon*, Available: <https://www.amazon.com/Logitech-960-000593-720p-Webcam-C510/dp/B003LVZO92>. [Accessed: 19-Jan-2025].
 27. F. B. Setiawan, H. W. Kusuma, S. Riyadi, and L. H. Pratomo, "Penerapan PI Cam Menggunakan Program Berbasis Raspberry PI 4," *Cyclotron: Jurnal Teknik Elektro*, vol. 5, no. 2, p. 52, Jul. 2022.
 28. Wijaya, P. D., Rivai, M., dan Tasripan. (2017). Rancang Bangun Mesin Pemotong Styrofoam 3 Axis Menggunakan Hot Cutting Pen dengan Kontrol PID. *Jurnal Teknik ITS*, 6(2), 2–7.
 29. U. Latifa and J. S. Saputro, "Perancangan Robot Arm Gripper Berbasis Arduino Uno Menggunakan Antarmuka LabView," *Barometer*, vol. 3, no. 2, pp. 138-141, Jul. 2018.
 30. A. L. Bowler, M. P. Pound, dan N. J. Watson, "A review of ultrasonic sensing and machine learning methods to monitor industrial processes," *Ultrasonics*, vol. 124, art. no. 106776, 2022, doi: 10.1016/j.ultras.2022.106776.

31. Google, "Memahami kueri real-time dalam skala besar | Firestore - Firebase," 2023. [Online]. Available: https://firebase.google.com/docs/firestore/real-time_queries_at_scale?hl=id. [Accessed: Jan. 16, 2025].
32. M. Hasbi and N. R. Saputra, "Analisis Quality of Service (QoS) Jaringan Internet Kantor Pusat King Bukopin dengan Menggunakan Wireshark," *Teknik Informatika Fakultas Teknik Universitas Muhammadiyah Jakarta*, vol. 12, no. 1, pp. 17–23, Sep. 2021.
33. R. Potter, "What is the use and purpose of image annotation in object detection?," *Becoming Human: Artificial Intelligence Magazine*, Mei 2021. <https://becominghuman.ai/what-is-the-use-and-purpose-of-image-annotation-in-object-detection-8b7873a14cd0> (diakses 20 Januari 2025).
34. J. Terven dan D. Cordova-Esparza, "A Comprehensive Review of YOLO: From YOLOv1 and Beyond," *Computer Vision and Pattern Recognition*, Apr 2023, [Daring]. Tersedia pada: <http://arxiv.org/abs/2304.00501>