

## DAFTAR PUSTAKA

1. K. S. Nindya Ovitasaki, 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. Pengabd. 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. Muallief, 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](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>