DAFTAR PUSTAKA

[1]   R. P. Mahyudin, "STRATEGI PENGELOLAAN SAMPAH BERKELANJUTAN," *EnviroScienteae*, vol. 10, hlm. 33–40, 2014.

[2]   L. Muliawaty dan R. Ilhami, "Implementation of Sustainable Development Policies in Waste Management," *Journal of Governance*, vol. 7, no. 3, Sep 2022, doi: 10.31506/jog.v7i3.16602.

[3]   SIPSN, "SUMBER SAMPAH," *Sistem Informasi Pengelolaan Sampah Nasional (SIPSN)*, 2021. https://sipsn.menlhk.go.id/sipsn/public/data/sumber (diakses 6 Januari 2023).

[4]   SIPSN, "TIMBULAN SAMPAH," *Sistem Informasi Pengelolaan Sampah Nasional (SIPSN)*, 2021. https://sipsn.menlhk.go.id/sipsn/public/data/timbulan (diakses 6 Januari 2023).

[5]   A. R. Abidin, Y. Irawan, Y. Devis, U. Hang, dan T. Pekanbaru, "SMART TRASH BIN FOR MANAGEMENT OF GARBAGE PROBLEM IN SOCIETY," *Journal of Applied Engineering and Technological Science*, vol. 4, no. 1, hlm. 202–208, 2022.

[6]   R. M. Irsyad, L. H. D. Satryo, A. L. Febrianingrum, dan F. Adriyanto, "Design of Monitoring and Separating Dustbin System using Internet of Things," 2020.

[7]   F. Alfian, "RANCANG BANGUN ROBOT PEMILAH SAMPAH ORGANIK DAN NON ORGANIK," *PROGRAM STUDI TEKNIK INFORMATIKA FAKULTAS SAINS DAN TEKNOLOGI UNIVERSITAS ISLAM NEGERI SYARIF HIDAYATULLAH*, 2019.

[8]   D. Perangin Angin, H. Siagian, E. D. Suryanto, R. Sashanti, dan Marcopolo, "Design and Development of the Trash Spliter with Three Different Sensors," dalam *Journal of Physics: Conference Series*, Institute of Physics Publishing, Apr 2018. doi: 10.1088/1742-6596/1007/1/012057.

[9]   Menteri Lingkungan Hidup dan Kehutanan, *PERATURAN MENTERI LINGKUNGAN HIDUP DAN KEHUTANAN REPUBLIK INDONESIA NO.14 TAHUN 2021 TENTANG PENGELOLAAN SAMPAH PADA BANK SAMPAH*. Indonesia, 2021.

[10]   F. Khoirunnisa dan A. Kadarohman, "Dilema Penggunaan Plastik: Kebutuhan dan Keberlanjutan Lingkungan (Tinjauan Aspek Etika dalam Perspektif Aksiologi)," *Jurnal Filsafat Indonesia*, vol. 5, no. 1, 2022.

[11] M. Rahayu, M. Nurkholis Widlan, H. Arif Bramantyo, P. Negeri Bandung, dan P. Negeri Semarang, "Smart Trash Bin with Web Integrated Volume Monitoring and Sorting System via MQTT Protocol," *E-JOINT (Electronica and Electrical Journal of Innovation Technology)* , vol. 03, no. 1, 2022.

[12] M. G. Rao, "DESIGN AND FABRICATION OF SMART SORT TRASH CAN," *International Research Journal of Engineering and Technology*, 2020, [Daring]. Tersedia pada: www.irjet.net

[13] E. W. Vetricha Wulandari, "Automated Trash Sorting Design Based Microcontroller Arduino Mega 2560 with LCD Display and Sound Notification," dalam *IOP Conference Series: Materials Science and Engineering*, Institute of Physics Publishing, Jan 2020. doi: 10.1088/1757-899X/725/1/012054.

[14] H. Agarwal, B. Ahir, P. Bide, S. Jain, dan H. Barot, *Minimization of Food Waste in Retail Sector using Time-Series Analysis and Object Detection Algorithm*. 2020 International Conference for Emerging Technology (INCET) : Belgaum, India. Jun 5-7, 2020., 2020.

[15] A. B. Wahyutama dan M. Hwang, "YOLO-Based Object Detection for Separate Collection of Recyclables and Capacity Monitoring of Trash Bins," *Electronics (Switzerland)*, vol. 11, no. 9, Mei 2022, doi: 10.3390/electronics11091323.

[16] P. D. Widayaka, S. Hadi, R. P. M. D. Labib, dan K. Marzuki, "Komparasi Performansi Sensor sebagai Perangkat Pengukuran Ketinggian Air pada Sistem Notifikasi Banjir," *Jurnal Bumigora Information Technology (BITe)*, vol. 4, no. 1, hlm. 37–48, Jun 2022, doi: 10.30812/bite.v4i1.1997.

[17] K. Pardini, J. J. P. C. Rodrigues, O. Diallo, A. K. Das, V. H. C. de Albuquerque, dan S. A. Kozlov, "A smart waste management solution geared towards citizens," *Sensors (Switzerland)*, vol. 20, no. 8, Apr 2020, doi: 10.3390/s20082380.

[18] Mst. S. Hossain, B. Debnath, A. Anika, Md. Junaed-Al-Hossain, S. Biswas, dan C. Shahnaz, "Autonomous Trash Collector Based on Object Detection Using Deep Neural Network," dalam *TENCON 2019 - 2019 IEEE Region 10 Conference (TENCON)*, TENCON 2019 - 2019 IEEE Region 10 Conference (TENCON), 2019.

[19] M. Akbar, D. Anjasmara, D. K. Diah, dan K. Wardhani, "Jurnal Politeknik Caltex Riau Rancang Bangun Alat Pendeteksi Sampah Organik dan Anorganik Menggunakan

Sensor Proximity dan NodeMCU ESP8266," 2021. [Daring]. Tersedia pada: https://jurnal.pcr.ac.id/index.php/jkt/

[20]   H. Dewi Ariessanti, Martono, dan J. Widiarto, "Sistem Pembuangan Sampah Otomatis Berbasis IOT Menggunakan Mikrokontroler pada SMAN 14 Kab.Tangerang," vol. 12, no. 2, 2019.

[21]   RF Wireless World, "Advantages of Inductive sensor | Disadvantages of Inductive sensor," *rfwireless-world.com*, 2012. https://www.rfwireless-world.com/Terminology/Advantages-and-disadvantages-of-Inductive-Sensor.html (diakses 19 Februari 2023).

[22]   M. Shadwani, S. Sachan, dan P. Sachan, "Capacitive Sensing & Its Applications," *International Journal of Engineering Research and General Science*, vol. 4, no. 3, doi: 10.13140/RG.2.2.15752.32001.

[23]   UNIVERSIDAD DE ALCALÁ, "ADVANTAGES AND DISADVANTAGES OF COMPUTER VISION," *master-artificialintelligence.com*, 28 Januari 2019. https://master-artificialintelligence.com/advantages-disadvantages-computer-vision (diakses 19 Februari 2023).

[24]   L. Ali, F. Alnajjar, M. M. A. Parambil, M. I. Younes, Z. I. Abdelhalim, dan H. Aljassmi, "Development of YOLOv5-Based Real-Time Smart Monitoring System for Increasing Lab Safety Awareness in Educational Institutions," *Sensors*, vol. 22, no. 22, Nov 2022, doi: 10.3390/s22228820.

[25]   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

[26]   F. Corputty, S. A. Wibowo, dan S. Rizal, "Implementation of Object Detection and Recognition Based On Exploration Deep Neural Network Features for Quadcopter," dalam *2022 5th International Conference on Information and Communications Technology (ICOIACT)*, IEEE, Agu 2022, hlm. 485–490. doi: 10.1109/ICOIACT55506.2022.9971943.

[27]   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 1 Juli 2023).

[28] S. Wijanarko, A. Sudarmaji, dan S. A. Pawiro, "Calibration of mechanical systems of in-house dynamic thorax phantom for radiotherapy dosimetry," dalam *Journal of Physics: Conference Series*, Institute of Physics Publishing, Jun 2020. doi: 10.1088/1742-6596/1528/1/012064.

[29] S. Ulyanida, A. Supriyanto, dan S. Wahyu Suciyati, "Automatization of Weight and Height Measurement Using Ultrasonic Sensors HC-SR04 and Load Cell Based on Arduino UNO at Integrated Services Posts (Posyandu)," 2022. [Daring]. Tersedia pada: https://jemit.fmipa.unila.ac.id/

[30] Y. Tang dan G. Wu, "Design and development of software for intelligent monitoring and control system of modern agricultural greenhouse," dalam *E3S Web of Conferences*, EDP Sciences, Jun 2021. doi: 10.1051/e3sconf/202126902006.

[31] S. Fadillah, "STUDI EKSPERIMENTAL KEKASARAN PERMUKAAN PADA MATERIAL STAINLESS STEEL TYPE 304 DENGAN MENGGUNAKAN MESIN BUBUT BERGERINDA," Medan, 2019.

[32] Y. A, E. Indrawan, N. Helmi, A. Aziz, dan Y. A. Putra, "Pengaruh Sudut Potong dan Kecepatan Putaran Spindel Terhadap Kekasaran Permukaan pada Proses Bubut Mild Steel ST 37," *INVOTEK: Jurnal Inovasi Vokasional dan Teknologi*, vol. 19, no. 2, hlm. 29–36, Okt 2019, doi: 10.24036/invotek.v19i2.582.

[33] T. Lentz dan G. Smith, "What Do You Want on Your Tombstone?," 2021.