



## DAFTAR PUSTAKA

- [1] W. H. Organization, “Healthy environments for healthier populations: why do they matter and what can we do?,” World Health Organization, Technical documents, 2019.
- [2] Kementerian Lingkungan Hidup dan Kehutanan, “Analisa Data Luas Areal Kebakaran Hutan & Lahan,” 2019.
- [3] C. Nunez, “Greenhouse gases, facts and information,” *Environment*, 13 Mei 2019. <https://www.nationalgeographic.com/environment/article/greenhouse-gases> (diakses 19 Juli 2023).
- [4] K. A. Mar, C. Unger, L. Walderdorff, dan T. Butler, “Beyond CO<sub>2</sub> equivalence: The impacts of methane on climate, ecosystems, and health,” *Environ. Sci. Policy*, vol. 134, hlm. 127–136, Agu 2022, doi: 10.1016/j.envsci.2022.03.027.
- [5] I. J. Duncan, “Does methane pose significant health and public safety hazards?—A review,” *Environ. Geosci.*, vol. 22, no. 3, hlm. 85–96, Sep 2015, doi: 10.1306/eg.06191515005.
- [6] Public Health England, *Compendium of Chemical Hazards: Methane*. PHE Centre for Radiation, Chemical and Environmental Hazards, 2019.
- [7] S. Prasad, L. Zhao, dan J. Gomes, “Methane and Natural Gas Exposure Limits,” *Epidemiology*, vol. 22, hlm. S251, Jan 2011, doi: 10.1097/01.ede.0000392463.93990.1e.
- [8] A. S. Pravangasta, M. H. H. Ichsan, dan R. Maulana, “Sistem Monitoring Kadar Gas Berbahaya Berdasarkan Amonia Dan Metana Pada Peternakan Ayam Broiler Menggunakan Protokol MQTT Pada Realtime System”.
- [9] I. Iswanto, A. Ma’arif, B. Kebenaran, dan P. Megantoro, “Design of gas concentration measurement and monitoring system for biogas power plant,” *Indones. J. Electr. Eng. Comput. Sci.*, vol. 22, no. 2, hlm. 726, Mei 2021, doi: 10.11591/ijeecs.v22.i2.pp726-732.
- [10] I. Syukhron dan R. Rahmadewi, “Penggunaan Aplikasi Blynk Untuk Monitoring dan Kontrol Jarak Jauh pada Sistem Kompos Pintar Berbasis IoT,” vol. 15, 2021.
- [11] J. B. Sanger, L. Sitanayah, dan I. Ahmad, “A Sensor-based Garbage Gas Detection System,” dalam 2021 *IEEE 11th Annual Computing and Communication Workshop and Conference (CCWC)*, Jan 2021, hlm. 1347–1353. doi: 10.1109/CCWC51732.2021.9376147.





- [12] T. DeBell, L. Goertzen, L. Larson, W. Selbie, J. Selker, dan C. Udell, “OPEnS Hub: Real-Time Data Logging, Connecting Field Sensors to Google Sheets,” *Front. Earth Sci.*, vol. 7, hlm. 137, Mei 2019, doi: 10.3389/feart.2019.00137.
- [13] Republik Indonesia, *Undang-Undang Republik Indonesia Nomor 24 Tahun 2007 Tentang Penanggulangan Bencana*. 2007.
- [14] Republik Indonesia, *Peraturan Pemerintah Republik Indonesia Nomor 66 Tahun 2014 Tentang Kesehatan Lingkungan*. 2014.
- [15] A. Bonfiglio dan D. De Rossi, Ed., *Wearable Monitoring Systems*. Boston, MA: Springer US, 2011. doi: 10.1007/978-1-4419-7384-9.
- [16] T. Limoncelli, S. R. Chalup, dan C. J. Hogan, *The practice of cloud system administration: designing and operating large distributed systems*. Upper Saddle River, NJ: Addison-Wesley, 2015.
- [17] A. Demirbas, *Methane gas hydrate*. dalam Green energy and technology. London ; New York: Springer, 2010.
- [18] D. Reay, Ed., *Methane and climate change*. New York, NY: Earthscan, 2015.
- [19] J. Fraden, *Handbook of Modern Sensors: Physics, Designs, and Applications*. Cham: Springer International Publishing, 2016. doi: 10.1007/978-3-319-19303-8.
- [20] G. Korotcenkov, *Handbook of Gas Sensor Materials: Properties, Advantages and Shortcomings for Applications Volume 1: Conventional Approaches*, 1st ed. 2013. dalam Integrated Analytical Systems. New York, NY: Springer New York : Imprint: Springer, 2013. doi: 10.1007/978-1-4614-7165-3.
- [21] S. Puthusserypady, *Applied Signal Processing*. Now Publishers, 2021. doi: 10.1561/9781680839791.
- [22] R. Setiawan, *Teknik Akuisisi Data*. Yogyakarta: Graha Ilmu, 2008.
- [23] M. J. Spinks, *Microprocessor System Design: a Practical Introduction*. Kent: Elsevier Science, 2014.
- [24] R. Kamal, *Internet of things: architecture and design principles*. Chennai, India: Mc Graw Hill India, 2017.
- [25] D. Gourley dan B. Totty, *HTTP: the definitive guide*, 1st ed. Beijing ; Sebastopol, CA: O'Reilly, 2002.
- [26] A. W. Koch, *Measurement and Sensor Systems: A Comprehensive Guide to Principles, Practical Issues and Applications*. dalam Springer Series in Measurement Science and Technology. Cham: Springer International Publishing, 2023. doi: 10.1007/978-3-031-15870-4.
- [27] K. Tsang, D. Roddy, W. Tomasi, V. K. Garg, dan T. S. Rappaport, *Wireless communication*. Singapore: Pearson Custom Publishing, 2007.

