

## Daftar Pustaka

- [1] B. P. Statistik, “Luas Panen, Produksi, dan Produktivitas Padi Menurut Provinsi 2019-2021,” 2021. <https://www.bps.go.id/indicator/53/1498/1/luas-panen-produksi-dan-produktivitas-padi-menurut-provinsi.html> (diakses pada Des. 02, 2021).
- [2] T. Cunin and S. McGrath, “Environmental monitoring based on Internet of Things Technology,” *2018 12th International Conference on Sensing Technology (ICST)*, pp. 31–34, 2018.
- [3] F. J. J. Joseph, “IoT based weather monitoring system for effective analytics,” *International Journal of Engineering and Advanced Technology*, vol. 8, no. 4, pp. 311–315, 2019.
- [4] J. Mabrouki, M. Azrour, D. Dhiba, Y. Farhaoui, and S. El Hajjaji, “IoT-based data logger for weather monitoring using arduino-based wireless sensor networks with remote graphical application and alerts,” *Big Data Mining and Analytics*, vol. 4, no. 1, pp. 25–32, 2021, doi: 10.26599/BDMA.2020.9020018.
- [5] R. W. Putra, Y. Rahayu, F. Teknik, U. Riau, and K. B. Widya, “Rancang Bangun Alat Pemantauan Trafik Kendaraan di Universitas Riau secara Real Time Menggunakan LORA Protokol,” *JOM FTeknik*, vol. 6, no. 2, pp. 1–9, 2019.
- [6] N. Hayati and M. Suryanegara, “The IoT LoRa system design for tracking and monitoring patient with mental disorder,” *2017 IEEE International Conference on Communication, Networks and Satellite, COMNETSAT 2017 - Proceedings*, vol. 2018-Janua, pp. 135–139, 2017, doi: 10.1109/COMNETSAT.2017.8263587.
- [7] S. Park, R. Kwon, S. Yun, J. Ganser, H. Kim, and S. Anthony, “Forestry monitoring system using lora and drone,” *ACM International Conference Proceeding Series*, 2018, doi: 10.1145/3227609.3227677.
- [8] A. Tzounis, N. Katsoulas, and T. Bartzanas, “ScienceDirect Internet of Things in agriculture , recent advances and future challenges,” *Biosystems Engineering*, vol. 164, pp. 31–48, 2017, doi: 10.1016/j.biosystemseng.2017.09.007.
- [9] F. Pan, L. Li, and X. Chen, “Decision making using a wavelet neural network based particle swarm optimization in stock transaction,” *ICIC Express Letters*, vol. 6, no. 1, pp. 9–14, 2012.

- [10] S. G. Kamolov and A. M. Korneyeva, “Future Technologies for Smart Cities,” *Bulletin of the Moscow State Regional University (Economics)*, vol. 7, no. 2, pp. 100–114, 2018, doi: 10.18384/2310-6646-2018-2-100-114.
- [11] U. Noreen, A. Bounceur, and L. Clavier, “A study of LoRa low power and wide area network technology,” *Proceedings - 3rd International Conference on Advanced Technologies for Signal and Image Processing, ATSIP 2017*, 2017, doi: 10.1109/ATSIP.2017.8075570.
- [12] J. Navarro-Ortiz, S. Sendra, P. Ameigeiras, and J. M. Lopez-Soler, “Integration of LoRaWAN and 4G/5G for the Industrial Internet of Things,” *IEEE Communications Magazine*, vol. 56, no. 2, pp. 60–67, 2018, doi: 10.1109/MCOM.2018.1700625.
- [13] E. A. Putra, R. Sudiana, and A. S. Pamungkas, “Pengembangan Smartphone Learning Management System (S-LMS) Sebagai Media Pembelajaran Matematika di SMA,” *Kreano, Jurnal Matematika Kreatif-Inovatif*, vol. 11, no. 1, pp. 36–45, 2020, doi: 10.15294/kreano.v11i1.21014.
- [14] W. Danielsson, “A comparison between native Android and React Native,” *React Native application development*, p. 70, 2016.
- [15] H. Jordan, “Rich Internet Applications w/HTML and Javascript,” *Ausarbeitungen zum Seminar*, p. 25, 2017.
- [16] Eric B, “LoRa,” 2018. <https://lora.readthedocs.io/en/latest> (diakses pada Mei 11, 2022).
- [17] MENTERI KOMUNIKASI DAN INFORMATIKA REPUBLIK INDONESIA, “2018 Persyaratan Teknis Alat LoraWan,” pp. 8–9, 2018.