

## DAFTAR PUSTAKA

- [1] B. Geologi, "Data Gunung di Indonesia," Pusat Vulkanologi dan Mitigasi Bencana Geologi, 2020.
- [2] Balai Besar TNGGP, "Data Statistik Pendaki Taman Nasional Gunung Gede Pangrango," Balai Besar TNGGP, Jawa Barat, 2017.
- [3] N. R. A. Ahmad Winarno, "Pencarian Thoriq yang Hilang Selama 12 Hari di Gunung Pyramid," Kompas, 2019.
- [4] R. S. Pressman, "Software Engineering: A Practitioner's Approach, Seventh Ed," McGraw-Hill Book Company, New York, 2004.
- [5] W. Kumorotomo, "Konsep Dasar Pemantauan Dan Evaluasi," Universitas Gajah Mada, Jogja, 2007.
- [6] H.-C. a. K. K.-H. Lee, "Monitoring of large-area IoT sensors using a LoRa wireless mesh network system: Design and evaluation," IEEE Transactions on Instrumentation and Measureme, 2018.
- [7] C. a. S. Ebi, "Synchronous LoRa mesh network to monitor processes in underground infrastructure," IEEE Access, 2019.
- [8] R. P. Centelles, "Extending LoRa networks: dynamic routing protocols and sub-GHz radio technology for very long range mesh networks: student research abstract," Proceedings of the 34th ACM/SIGAPP Symposium on Applied Computing, 2019.
- [9] S. a. K. Devalal, "LoRa technology-an overview," 2018 Second International Conference on Electronics, Communication and Aerospace Technology (ICECA), 2018.
- [10] J. Y. Heon and Kim, "LoRa-based Mesh Network for IoT Applications," 2019 IEEE 5th World Forum on Internet of Things (WF-IoT), 2019.
- [11] T. Polychronis and Korakis, "LoRa Mesh Network Experimentation in a City-Wide Testbed," Proceedings of the 13th International Workshop on Wireless Network Testbeds, Experimental Evaluation & Characterization, 2019.
- [12] A. E. U. a. A. Salam, "Forest Fire Detection using LoRa Wireless Mesh Topology," 2018 2nd East Indonesia Conference on Computer and Information Technology (EIconCIT), 2018.
- [13] G. S. a. Y. Ramachandran, "Experiences with LoRa and its deployment in DR Congo," 2017 9th International Conference on Communication Systems and Networks (COMSNETS), 2017.
- [14] L. a. U. Prade, "networks, LoRa mesh architecture for automation of rural electricity distribution," IET, 2020.
- [15] T. a. Goessens, "Measurements, performance and analysis of LoRa FABIAN, a real-world implementation of LPWAN," 2016 IEEE 27th Annual International Symposium on Personal, Indoor, and Mobile Radio Communications (PIMRC), 2016.

- [16] K.-H. a. Liang, "Demo abstract: A LoRa wireless mesh networking module for campus-scale monitoring," 2017 16th ACM/IEEE International Conference on Information Processing in Sensor Networks (IPSN), 2017.
- [17] D. a. H. Lundell, "A routing protocol for LoRa mesh networks," 2018 IEEE 19th International Symposium on "A World of Wireless, Mobile and Multimedia Networks, 2018.
- [18] Y. Morikawa, "Improving the capacity of a mesh LoRa network by spreading-factor-based network clustering," IEEE Access, 2019.
- [19] M. N. a. G. Ochoa, "Evaluating LoRa energy efficiency for adaptive networks: From star to mesh topologies," 2017 IEEE 13th International Conference on Wireless and Mobile Computing, Networking and Communications (WiMob), 2017.
- [20] M. a. Kashyap, "A lora wireless mesh network for wide-area animal tracking," 2019 IEEE International Conference on Electrical, Computer and Communication Technologies (ICECCT), 2019.
- [21] R. a. Vishnevsky, "Analytic Model of a Mesh Topology based on LoRa Technology," 22nd International Conference on Advanced Communication Technology (ICACT), 2020.
- [22] G. a. B. Pasolini, "Smart city pilot projects using LoRa and IEEE802. 15.4 technologies," Multidisciplinary Digital Publishing Institute, 2018.
- [23] E. Almeida, "Proposal of a Hybrid LoRa Mesh/LoRaWAN Network," 2020.