

DAFTAR PUSTAKA

- [1] Oki Pratama, “Konservasi Perairan Sebagai Upaya menjaga Potensi Kelautan dan Perikanan Internasional,” DIREKTORAT JENDERAL PENGELOLAAN RUANG LAUT, [Online].
Available:<https://kkp.go.id/djprl/artikel/21045-konservasi-perairan-sebagai-upaya-menjaga-potensi-kelautan-dan-perikanan-Indonesia>
[Diakses 01 Juli 2020].
- [2] Karlo Juliano Aer, Ir. Gideon Jonathan, Arfianto Fahmi, ST, “ANALISIS PERHITUNGAN INTERFERENSI SISTEM TERESTRIAL TERHADAP SISTEM GMPC SSATELIT GLOBALSTAR”, Jurusan Teknik Elektro Sekolah Tinggi Teknologi Telkom, 2016.
- [3] Shanzhi Chen (Senior Member of IEEE), Hui Xu, Dake Li (Senior Member of IEEE), Bo Hu, and Hucheng Wang, “A Vision of IoT: Applications, Challenges, and Opportunities With China Perspective”, IEEE INTERNET OF THINGS JOURNAL, VOL. 1, INTERNASIONAL. 4, AUGUST 2014.
- [4] John A. Stankovic, Life Fellow, IEEE, “Research Directions for the Internet of Things”, IEEE INTERNET OF THINGS JOURNAL, AUGUST 2014.
- [5] Persia, S., Carciofi, C., & Faccioli, M, “*NB-IoT and LoRA connectivity analysis for M2M/IoT smart grids applications*”, *AEIT Internasional Annual Conference, 2017*.
- [6] Alexandru Lavric, Valentin Popa, “Internet of Things and LoRa™ Low-Power WideArea Networks: A Internasional”, Computers, Electronics and Automation Department, Ștefan cel Mare University of Suceava, Romania, IEEE, 2017.

- [7] Dambal. Vageesh Anand, Mohadikar. Samir, Kumbhar. Abhaykumar, Guvenc. Ismail, “Improving LoRa Signal Coverage in Urban and Sub-Urban Environments with UAVs”, North Carolina State University, Florida International University, 2019.
- [8] T. Wu, D. Qu and G. Zhang, “Research on LoRa Adaptability in the LEO Satellites Internet of Things,” 2019 15th International Wireless Communications & Mobile Computing Conference (IWCMC), Tangier, Morocco, 2019, pp. 131-135, doi: 10.1109/IWCMC.2019.8766462.
- [9] Rosmiati. Mia, Rizal, Mochammad Fachru, Wanti. Irma, “ Monitoring Location Prototype Using LoRa Module”, MATEC Web Conference, 2018
- [10] Ameloot, T.; Van Torre, P.; Rogier, H, “A Compact Low-Power LoRa IoT Sensor Node with Extended Dynamic Range for Channel Measurements”. *Sensors* **2018**, *18*, 2137.
- [11] Juan A. Fraire, Sandra C’espedes, and Nicola Accettura, ” Direct-To-Satellite IoT – A Survey of the State of the Art and Future Research Perspectives Backhauling the IoT Through LEO Satellites”, Ad-Hoc, Mobile, and Wireless Networks. Lecture Notes in Computer Science, 2019.
- [12] M. K. D. I. R. INDONESIA, “RANCANGAN PERATURAN MENTERI KOMUNIKASI DAN INFORMATIKA REPUBLIK INDONESIA NOMOR TAHUN 2018 TENTANG PERSYARATAN TEKNIS ALAT DAN / ATAU PERANGKAT TELEKOMUNIKASI LOW POWER WIDE AREA,” KOMINFO, 2018.
- [13] LoRa™ Modulation Basics. [Performance]. Semtech Corporation, 2015.

- [14] Lawrence A. Duarte, “The *Microcontroller* Beginner’s Handbook with Cdrom”, Sams Imprint of Simon and Schuster 201 W. 103 St. Indianapolis, INUnited States, 1998.
- [15] Microchip, “Datasheet : Low-Power, 32-bit Cortex-M0+ MCU with Advanced Analog and PWM”, Microchip, 2020.
- [16] D. K. Nguyen, O. Pascal, J. Sokoloff, A. Chabory, B. Palacin, and N. Capet, “Discussion about the link budget for electromagnetic wave with orbital angular momentum,” in The 8th European Conference on Antennas and Propagation (EuCAP 2014), 2014, pp. 1117–1121.
- [17] Bagas Satriyotomo, “ANTENA MIKROSTRIP SEGI EMPAT POJOK TERPOTONG UNTUK PENERIMA SINYAL ADS-B PADA SATELIT NANO”, Telkom University, 2020.
- [18] C. A. Balanis, *Antenna theory - analysis and design*, 3rd ed. Tempe, AZ: John Wiley & Sons, 1982.
- [19] D. Roddy, *Sattelite Communications* 4th edition, New York City: McGraw-Hill, 200
- [20] G. Maral dan M. Bousquet, *SATELLITE COMMUNICATIONS SYSTEMS* 5th edition, Chichester: John Wiley & Sons Ltd., 2009.
- [21] Atmel, “Datasheet : SMART ARM-Based *Microcontroller*”, Atmel, 2015.
- [20] HOPERFELECTRONIC, “Datasheet : RFM95/96/97/98(W) – Low Power Long Range Transceiver Module V1.0”, HOPERFELECTRONICS, Diakses 2020.
- [21] Zhejiang Ganghang Solar Thecnology Co., Ltd, “Solar Product Energy”, Zhejiang Ganghang Solar Thecnology Co., Ltd, diakses pada 2021.

- [22] Sony Energy Devices Corporation, "Lithium-Ion Battery Specification",
Sony Energy Devices Corporation, 2014
- [23] Rafael Sianipar,"DASAR PERENCANAAN PEMBANGKIT LISTRIK
TENAGA SURYA",JETri, 2014