

## DAFTAR PUSTAKA

- [1] M. Rouse, "What is internet of things (IoT)? - Definition from WhatIs.com", *IoT Agenda*, 2018. [Online]. Available: <https://internetofthingsagenda.techtarget.com/definition/Internet-of-Things-IoT>. [Accessed: 01- Aug- 2018].
- [2] A. Reynolds, "Why Is a Rain Gauge Important?", *Sciencing*, 2017. [Online]. Available: <https://sciencing.com/rain-gauge-important-6611576.html>. [Accessed: 01- Aug- 2018].
- [3] "WeatherShack.com", *WeatherShack.com*, 2018. [Online]. Available: <https://www.weathershack.com/static/ed-tipping-bucket-rain-gauge.html>. [Accessed: 16- Aug- 2018].
- [4] "What is an Arduino? - learn.sparkfun.com", *Learn.sparkfun.com*, 2018. [Online]. Available: <https://learn.sparkfun.com/tutorials/what-is-an-arduino>. [Accessed: 01- Aug- 2018].
- [5] W. L. Bouna, R. (2011). *Analisis Pengaruh Intensitas Curah Hujan Di Jakarta dan Tangerang Terhadap Kinerja Sistem Komunikasi Free Space Optics*. Tesis Magister Teknik. Universitas Pelita Harapan.
- [6] F. Joseph, "IoT Based Weather Monitoring System for Effective Analytics", *International Journal of Engineering and Advanced Technology (IJEAT)*, vol. 8, no. 4, pp. 311-315, 2019.
- [7] D. Sharma, A. Shukla, A. Bhondekar, C. Ghanshyam and A. Ojha, "A Technical Assessment of IOT for Indian Agriculture Sector", *IJCA Proceedings on National Symposium on Modern Information and Communication Technologies for Digital India*, pp. 1-5, 2016.
- [8] A. Pathania *et al.*, "Reducing Power Consumption of Weather Stations for Landslide Monitoring", *ICITG2019*, 2019.
- [9] A. Das, M. Sarma, K. Sarma and N. Mastorakis, "Design of an IoT based Real Time Environment Monitoring System using Legacy Sensors", *MATEC Web of Conferences*, vol. 210, no. 03008, 2018.
- [10] N. Maspo, A. Harun, M. Goto, M. Nawi and N. Haron, "Development of Internet of Thing (IoT) Technology for flood Prediction and Early Warning System (EWS)", *International Journal of Innovative Technology and Exploring Engineering (IJITEE)*, vol. 8, no. 4, pp. 219-228 2019.
- [11] S. Gaitan, L. Calderoni, P. Palmieri, M. Veldhuis, D. Maio and M. van Riemsdijk, "From Sensing to Action: Quick and Reliable Access to Information in Cities Vulnerable to Heavy Rain", *IEEE Sensors Journal*, Vol.14, no.15, pp.4175-4184, 2014.

- [12] A. Matese, S. Gennaro and A. Zaldei, "Agrometeorological monitoring: Low-Cost and Open-Source – is it possible?", *Italian Journal of Agrometeorology* - 3/2015, pp. 81-88, 2015.
- [13] India Meteorological Department, "IoT based modern surface meteorological observatory", India Meteorological Department, Shivajinagar.
- [14] I. Sarkar, B. Pal, A. Datta and S. Roy, "Wi-Fi Based Portable Weather Station for Monitoring Temperature, Relative Humidity, Pressure, Precipitation, Wind Speed and Direction", in *ICT4SD 2018*, Goa, 2018.
- [15] S. Barrett, *Arduino Microcontroller Processing For Everyone! Third Edition*, 3rd ed. Morgan & Claypool, 2013.
- [16] "ESP8266", *En.wikipedia.org*, 2019. [Online]. Available: <https://en.wikipedia.org/wiki/ESP8266>. [Accessed: 02- Jul- 2019].
- [17] R. W. L. bouna, H. P. Uranus, "Analysis of The Effect of Rainfall Intensity in Jakarta and Tangerang to The Performance of Free Space Optics Communication System", Proc. The 2011 International Conference on Electrical Engineering and Informatics, pp. 436-441, 17-19 July 2011.
- [18] T. M. Daniel and G. Q. Tabios III, "Rainfall Intensity Duration Frequency (IDF) Analysis for The Asia Pacific Region", International Hydrological Programme IHP-VII Technical Document No.2, UNESCO, 2008.

