

DAFTAR PUSTAKA

- [1] “Prakiraan cuaca wilayah Kabupaten Bogor untuk hari Kamis, 21 Januari 2021. – BPBD Kabupaten Bogor.” Accessed: May 14, 2024. [Online]. Available: <https://bpbd.bogorkab.go.id/prakiraan-cuaca-wilayah-kabupaten-bogor-untuk-hari-kamis-21-januari-2021/>
- [2] N. Firdiyan and M. S. Muntini, “The Effect Of Rainfall On The Detection Of Standing Water On Runway,” *J. Phys. Conf. Ser.*, vol. 1951, no. 1, p. 012034, Jun. 2021, doi: 10.1088/1742-6596/1951/1/012034.
- [3] M. Duckham, X. Zhong, and K. Toohey, “Challenges to using decentralized spatial algorithms in the field: the RISERnet geosensor network case study,” *SIGSPATIAL Spec.*, vol. 7, no. 2, pp. 14–21, Sep. 2015, doi: 10.1145/2826686.2826690.
- [4] R. Li, H. Kikumoto, and H. Jia, “Data-driven calibration for cup anemometer at different measurement locations around buildings using transfer learning based on domain adaptation,” *E3S Web Conf.*, vol. 396, p. 05016, 2023, doi: 10.1051/e3sconf/202339605016.
- [5] A. Chaudhari, “Important MySQL Commands | How to Use MySQL Explained with Examples,” CSEstack. Accessed: May 14, 2024. [Online]. Available: <https://www.csestack.org/mysql-commands/>
- [6] M. N. Akbar, “DESIGN OF WIND SPEED DETECTION AND WIND DIRECTION USING ULTRASONIC SENSORS,” 2019.
- [7] G. Wicaksono, “PROGRAM STUDI D-III OTOMASI SISTEM INSTRUMENTASI DEPARTEMEN TEKNIK FAKULTAS VOKASI UNIVERSITAS AIRLANGGA SURABAYA”.
- [8] A. ASRUL and A. AMIR, “SISTEM PEMANTAUAN KECEPATAN DAN ARAH ANGIN PORTABLE BERBASIS MODUL KOMUNIKASI LoRa,” *J. INSTEK Inform. Sains Dan Teknol.*, vol. 8, no. 1, pp. 18–26, 2023.



- [9] H. B. Widyanto, “Sistem Monitoring Kecepatan dan Arah Angin Berbasis Internet of Thing (IOT) Sebagai Peringatan Dini Bencana Alam,” Universitas Brawijaya, 2018.
- [10] V. P. Babak *et al.*, *Models and measures in measurements and monitoring*. Springer, 2021.
- [11] A. Markiewicz and I. Patrick, *Developing monitoring and evaluation frameworks*. Sage Publications, 2015.
- [12] F. Fiantika *et al.*, “Metodologi penelitian kualitatif,” *Metodol. Penelit. Kualitatif Rake Sarasin Issue March Surabaya PT Pustaka Pelajar Httpsscholar Google Comcitations*, 2022.
- [13] J. P. Bentley, *Principles of measurement systems*. Pearson education, 2005.
- [14] Z. Arifin *et al.*, *ENERGI TERBARUKAN (Energi Angin, Energi Surya, Energi Air)*. 2023.
- [15] S. A. Kalogirou, *Solar energy engineering: processes and systems*. Elsevier, 2023.
- [16] T. Godish and J. S. Fu, *Air quality*. CRC Press, 2019.
- [17] B. Roscher, F. Redder, R. Schelenz, and G. Jacobs, “Investigating the impact of wakes on single turbine availability,” in *Journal of Physics: Conference Series*, IOP Publishing, 2019, p. 012014.
- [18] R. H. Stewart, *Introduction to physical oceanography*. Robert H. Stewart, 2008.
- [19] L. Battisti, *Wind turbines in cold climates: Icing impacts and mitigation systems*. Springer, 2015.
- [20] “compass.jpg (474×465).” Accessed: May 14, 2024. [Online]. Available: <https://www.ke4nyv.com/compass.jpg>
- [21] P. Khlongkhai, K. Chayantrakom, and W. Kanbua, “Application of a deep learning technique to the problem of oil spreading in the Gulf of Thailand,” *Adv. Differ. Equ.*, vol. 2019, Jul. 2019, doi: 10.1186/s13662-019-2241-y.
- [22] S. Watson, *Handbook of Wind Resource Assessment*. John Wiley & Sons, 2023.



- [23] “anemometer-1024x681.jpeg (1024×681).” Accessed: May 17, 2024. [Online]. Available: <https://www.science-sparks.com/wp-content/uploads/2023/02/anemometer-1024x681.jpeg>
- [24] “Anemometers.png (400×266).” Accessed: May 17, 2024. [Online]. Available: <https://metoree.com/wpdrs/wp-content/uploads/2022/09/Anemometers.png>
- [25] “WO65_1_900x.jpg (600×600).” Accessed: May 17, 2024. [Online]. Available: https://skyview-systems.co.uk/cdn/shop/products/WO65_1_900x.jpg?v=1559834325
- [26] M. R. Yaacob, R. K. Schlander, P. Buchhave, and C. Velte, “Validation of improved laser Doppler anemometer (LDA) based on the fully developed turbulent round jet,” 2018. Accessed: May 17, 2024. [Online]. Available: <https://www.semanticscholar.org/paper/Validation-of-improved-laser-Doppler-anemometer-on-Yaacob-Schlander/026c413ec847f787cd7914cdb15ee5df2694c23f>
- [27] “Industrial Physics - Test & Measurement Equipment Solutions.” Accessed: May 17, 2024. [Online]. Available: <https://industrialphysics.com/>
- [28] R. E. Thomson and W. J. Emery, *Data analysis methods in physical oceanography*. Newnes, 2014.
- [29] G. C. Fox, R. D. Williams, and G. C. Messina, *Parallel computing works!* Elsevier, 2014.
- [30] “misol Ultrasonic Anemometer with Light & UV, Thermo-hygrometer Sensors WS90 [WS90] - \$145.99.” Accessed: May 14, 2024. [Online]. Available: <http://www.misolie.net/misol-ultrasonic-anemometer-with-light-uv-thermohygrometer-sensors-ws90-p-625.html>
- [31] L. C. Lynnworth, *Ultrasonic measurements for process control: theory, techniques, applications*. Academic press, 2013.
- [32] Admin_Terabee, “Time-of-Flight principle (ToF): Brief overview, Technologies and Advantages,” Terabee. Accessed: May 14, 2024. [Online]. Available: <https://www.terabee.com/time-of-flight-principle/>



- [33] D. Han, S. Kim, and S. Park, “Two-dimensional ultrasonic anemometer using the directivity angle of an ultrasonic sensor,” *Microelectron. J.*, vol. 39, no. 10, pp. 1195–1199, Oct. 2008, doi: 10.1016/j.mejo.2008.01.090.
- [34] G. R. Jorge, F. Ernesto, M. Garcia, and M. D. Byron, *Fundamentals of industrial communications in automation*. Editorial Unimagdalena, 2022.
- [35] “MindofLife – IoT HVAC System, BMS & BEMS - MindofLife IoT.” Accessed: May 17, 2024. [Online]. Available: <https://www.mindoflife.com/>
- [36] L. E. Frenzel, *Handbook of serial communications interfaces: a comprehensive compendium of serial digital input/output (I/O) standards*. Newnes, 2015.
- [37] P. Lea, *Internet of Things for Architects: Architecting IoT solutions by implementing sensors, communication infrastructure, edge computing, analytics, and security*. Packt Publishing Ltd, 2018.
- [38] “Interface Serial RS485,” Interface Serial RS485. Accessed: May 18, 2024. [Online]. Available: <https://aliateknik.blogspot.com/2013/07/interface-serial-rs485.html>
- [39] L. Null, *Essentials of Computer Organization and Architecture*. Jones & Bartlett Learning, 2023.
- [40] Y. Yahfizham, “Dasar-dasar komputer,” 2019.
- [41] “Adding Connectivity MTS WiFi Module - | Mbed.” Accessed: May 17, 2024. [Online]. Available: <https://os.mbed.com/teams/ST-Americas-mbed-Team/wiki/Adding-Connectivity-MTS-WiFi-Module>
- [42] T. Karygiannis and L. Owens, *Wireless Network Security*. US Department of Commerce, Technology Administration, National Institute of ..., 2002.
- [43] Y. Xie, *Dynamic Documents with R and knitr*. Chapman and Hall/CRC, 2017.
- [44] “<https://www.pinterest.co.uk/pin/local-server-vs-cloud-server--297519119140844823/>.” Accessed: May 16, 2024. [Online]. Available: <https://www.pinterest.co.uk/pin/local-server-vs-cloud-server--297519119140844823/>
- [45] L. L. Peterson and B. S. Davie, *Computer networks: a systems approach*. Elsevier, 2007.



- [46] J. L. Harrington, *Relational database design and implementation*. Morgan Kaufmann, 2016.
- [47] “mysqlselectdatabase.png (641×328).” Accessed: May 18, 2024. [Online]. Available:
<https://static.javatpoint.com/mysql/images/mysqlselectdatabase.png>
- [48] D. Kalinin, “Database web application,” 2018.
- [49] F. Kromann, *Beginning PHP and MySQL: from novice to professional*. Apress, 2018.
- [50] D. Sinaga, *Buku Ajar Statistik Dasar*. Uki Press, 2014.
- [51] R. Ruspendi, R. Rusmalah, and S. Nurmutia, *Teknik Peramalan*. Unpampress, 2022.
- [52] I. D. Pranowo, “Sistem Dan Manajemen Pemeliharaan (Maintenance. System Dan Management,” 2020.
- [53] H. Snyder, “Literature review as a research methodology: An overview and guidelines,” *J. Bus. Res.*, vol. 104, pp. 333–339, 2019.
- [54] P. Queffeuilou, “Accuracy of wind measurements performed on buoys, ship, and island during the TOSCANE-2 Experiment,” *J. Atmospheric Ocean. Technol.*, vol. 8, no. 6, pp. 835–855, 1991.
- [55] J. P. S. Sundaram, W. Du, and Z. Zhao, “A survey on lora networking: Research problems, current solutions, and open issues,” *IEEE Commun. Surv. Tutor.*, vol. 22, no. 1, pp. 371–388, 2019.
- [56] “Davis Weather Station,” Davis Weather Station. Accessed: May 07, 2024. [Online]. Available: <https://www.davisweatherstation.com/>
- [57] Tools M. T. and M. E., “Multi-Functions Environment Tester MS6300 I MASTECH,” MASTECH Testing and Measuring Equipment and Tools. Accessed: Jun. 23, 2024. [Online]. Available: <https://mastech-group.com/na/en/MS6300>
- [58] “Logitech C920 PRO HD Webcam, 1080p Video with Stereo Audio.” Accessed: May 15, 2024. [Online]. Available: <https://www.logitech.com/en-qa/products/webcams/c920-pro-hd-webcam.html>



- [59] L. I. Fitri and B. Purwanggono, "PENGAMATAN KESESUAIAN PENERAPAN KALIBRASI DENGAN STANDART OPERATIONAL PROCEDURE PADA PT. DAYA MANUNGAL BERDASARKAN ISO 9001: 2008," *Ind. Eng. Online J.*, vol. 8, no. 1, 2019.

