

## DAFTAR PUSTAKA

- [1] A. Hidayat., B. Sasmito, and B. Sudarsono., “Survei Bathimetri Untuk pengecekan kedalaman perairan wilayah pelabuhan kendal,” *J. Geod. Undip*, vol. 5, no. 2, pp. 1–8, 2016.
- [2] “Global Positioning System History | NASA.”  
[https://www.nasa.gov/directorates/heo/scan/communications/policy/GPS\\_History.html](https://www.nasa.gov/directorates/heo/scan/communications/policy/GPS_History.html) (accessed Aug. 14, 2022).
- [3] N. O. and A. A. US Department of Commerce, “What is sonar?”
- [4] V. Susilo, E. V. C. Poekoel, and P. D. K. Manembu, “Rancang Bangun Sistem Pengukuran Kedalaman Sungai,” pp. 1–6, 2015.
- [5] M. Maga, “Rancang bangun sistem data logging pengukuran batimetri berbasis arduino uno dan sensor gps,” 2021.
- [6] H. Sun, D. C. Slaughter, M. P. Ruiz, C. Gliever, S. K. Upadhyaya, and R. F. Smith, “RTK GPS mapping of transplanted row crops,” *Comput. Electron. Agric.*, vol. 71, no. 1, pp. 32–37, 2010, doi: 10.1016/j.compag.2009.11.006.
- [7] K. R. Dyer, “Estuarine Hydrography and Sedimentation: A Handbook.” Cambridge University Press, p. 230, 1979, doi: <https://doi.org/10.1017/S0025315400040480>.
- [8] R. Kolenc, “Hydrographic surveys,” in *Geodetski Vestnik*, vol. 1, no. 1, 2005, pp. 18–28.
- [9] M. S. Dr. Domingos CBB Gomes, S.Hut., “GPS Use in GIS,” in *INTRODUCTION OF GEO INFORMATION SYSTEM (GIS)*, no. March, 2019, p. 119.
- [10] T. Mai, “Global Positioning System History,” 2015, Accessed: Aug. 14, 2022.  
[Online]. Available:  
[http://www.nasa.gov/directorates/heo/scan/communications/policy/GPS\\_History.html](http://www.nasa.gov/directorates/heo/scan/communications/policy/GPS_History.html).

- [11] “How Do You Measure Your Location Using GPS? | NIST.”  
<https://www.nist.gov/how-do-you-measure-it/how-do-you-measure-your-location-using-gps> (accessed Aug. 14, 2022).
- [12] W. H. Yeh, C. Y. Huang, T. C. Chiu, M. Q. Chen, J. Y. Liu, and Y. A. Liou, “Ray tracing simulation in nonspherically symmetric atmosphere for GPS radio occultation,” *Terr. Atmos. Ocean. Sci.*, vol. 25, no. 6, pp. 801–812, 2014, doi: 10.3319/TAO.2014.07.07.01(A).
- [13] ISO, “ISO 6709:2008 Standard representation of geographic point location by coordinates,” 2008.
- [14] “Degrees Minutes Seconds to Decimal Degrees Coordinates.”  
<https://www.latlong.net/degrees-minutes-seconds-to-decimal-degrees> (accessed Aug. 14, 2022).
- [15] W. A. Kuperman and P. Roux, *Springer Handbook of Acoustics*, no. January 2014. 2014.
- [16] E. I. Lukman, “Echosounder Dan Fishfinder,” 2013.
- [17] “sonar | Definition, Acronym, Uses, & Facts | Britannica.”  
<https://www.britannica.com/technology/sonar> (accessed Jun. 06, 2022).
- [18] “Water - Density, Specific Weight and Thermal Expansion Coefficients.”  
[https://www.engineeringtoolbox.com/water-density-specific-weight-d\\_595.html](https://www.engineeringtoolbox.com/water-density-specific-weight-d_595.html) (accessed Aug. 22, 2022).
- [19] J. Lubbers and R. Graaff, “A simple and accurate formula for the sound velocity in water,” *Ultrasound Med. Biol.*, vol. 24, no. 7, pp. 1065–1068, Sep. 1998, doi: 10.1016/S0301-5629(98)00091-X.
- [20] P. A. Harianto, T. E. W, and R. H. Yumm, “Pengaruh Kondisi Lingkungan Terhadap Kemampuan Sonar Kri Dalam Mendeteksi Kontak Bawah Air,” *J. Kelaut. Indones. J. Mar. Sci. Technol.*, vol. 13, no. 1, pp. 1–10, 2020, doi: 10.21107/jk.v13i1.5845.
- [21] “National Marine Electronics Association - NMEA.”

- [https://www.nmea.org/content/STANDARDS/NMEA\\_0183\\_Standard](https://www.nmea.org/content/STANDARDS/NMEA_0183_Standard) (accessed Aug. 18, 2022).
- [22] K. Betke, “The NMEA 0183 protocol,” 2001.
- [23] “Apa itu Data Acquisition?” <https://www.dataloggerindonesia.com/apa-itu-data-acquisition-152> (accessed Aug. 18, 2022).
- [24] B. Joseph and L. Peje, “Performance Optimization of Multichannel Data Acquisition ( DAQ ) Systems : The Untold Story of the Input Settling Time,” no. April, pp. 1–5, 2018.
- [25] “Arduino Mega 2560 Rev3 — Arduino Official Store.” <https://store.arduino.cc/products/arduino-mega-2560-rev3> (accessed Oct. 13, 2022).
- [26] Texas Instrument Incorporated, “MAX3222E 3-V TO 5 . 5-V MULTICHANNEL RS-232 LINE DRIVER / RECEIVER WITH  $\pm 15$ -kV ESD PROTECTION MAX3222E 3-V TO 5 . 5-V MULTICHANNEL RS-232 LINE DRIVER / RECEIVER WITH  $\pm 15$ -kV ESD PROTECTION,” 2006.
- [27] E. Huang, S. Mok, and G. Hc, “Datasheet Hc-06| Wwww.Alldatasheet.Com,” no. 13, 2006.
- [28] “LCD 16x2 Datasheet,” [Online]. Available: <https://www.ptonline.com/articles/how-to-get-better-mfi-results>.
- [29] Rifansyah, “Datasheet I2C 1602 Serial LCD Module,” *Eprint.Polsri.Ac.Id*, p. 3, 2017.
- [30] EBay, “Micro SD Card Card Adapter Reader Module for Arduino,” *Data Sheet*, pp. 1–2, 2013, [Online]. Available: [https://curtocircuito.com.br/datasheet/modulo/cartao\\_micro\\_SD.pdf](https://curtocircuito.com.br/datasheet/modulo/cartao_micro_SD.pdf).
- [31] Texas Instrument, “LM2595 SIMPLE SWITCHER Power Converter 150 kHz 1A Step-Down Voltage Regulator SIMPLE SWITCHER ® Power Converter 150 kHz 1A Step-Down Voltage Regulator,” no. December, 1999.

- [32] If-Koubou, “Apa itu Sketchup (dan Bagaimana Cara Menggunakannya)? (Bagaimana caranya) | Kiat komputer dan informasi berguna tentang teknologi modern!,” 2021. <https://id.if-koubou.com/articles/how-to/what-is-sketchup-and-how-do-i-use-it.html> (accessed Sep. 11, 2021).
- [33] “EasyEDA Tutorial.” <https://docs.easyeda.com/en/Introduction/Introduction-to-EasyEDA/index.html> (accessed Feb. 02, 2023).
- [34] Ernest O.Doebelin, *Measurement Systems & Application*. 1967.
- [35] M. K. HARISON, S.Pd, “BAHAN AJAR TERSELEKSI PROBABILITAS & STATISTIK,” pp. 1–235, 2013.
- [36] N. A. Campbell *et al.*, “Biologi Edisi Kedelapan Jilid 3,” *Int. J. Soc. Ecol. Sustain. Dev.*, vol. 1, no. 1, pp. 1–577, 2008.
- [37] R. J. Hyndman and A. B. Koehler, “and Business Statistics Another Look at Measures of Forecast Accuracy Another look at measures of forecast accuracy,” *Int. J. Forecast.*, vol. 22, no. November, pp. 679–688, 2005, [Online]. Available: <http://www.sciencedirect.com/science/article/pii/S0169207006000239%5Cnhttp://core.ac.uk/download/pdf/6340761.pdf>.
- [38] P. S. Kumar and V. B. S. S. Indira Dutt, “A Hypothetical Analysis on GPS Evolution, Error Sources, Accuracy Measures and Positioning Services,” *Int. J. Innov. Technol. Explor. Eng.*, vol. 8, no. 9, pp. 3427–3433, 2019, doi: 10.35940/ijitee.i8717.078919.
- [39] H. SIRINGORINGO, “[cvl]-Pengantar Statistika.pdf.”.