

DAFTAR PUSTAKA

- Adi, P. D. P. dan Kitagawa, A. 2019. Performance evaluation of E32 long range radio frequency 915 MHz based on internet of things and micro sensors data. *International Journal of Advanced Computer Science and Applications*. **10**(11): 38–49.
- Adiputra, R. dan Utsunomiya, T. 2019. Stability based approach to design cold-water pipe (CWP) for ocean thermal energy conversion (OTEC). *Applied Ocean Research*. **92**(April): 101921.
- Aisyah, A., Permata Sari, D., dan Kusumanto, K. 2022. Perancangan Aplikasi Presensi Dosen Real Time dengan Metode Global Positioning System (GPS) dan Location Based Service (LSB) Berbasis WEB di Jurusan Teknik Elektronika Politeknik Negeri Sriwijaya. *Journal Locus Penelitian dan Pengabdian*. **1**(5): 341–347.
- Al-Hraishawi, H., Chougrani, H., Kisseleff, S., Lagunas, E., dan Chatzinotas, S. 2023. A Survey on Nongeostationary Satellite Systems: The Communication Perspective. *IEEE Communications Surveys and Tutorials*. **25**(1): 101–132.
- Ariefka, R. dan Pramudya, Y. 2022. The Development Study of the Drag Coefficient of Solid Cylinder on Inclined Plane in Water. *Trends in Sciences*. **19**(19).
- Asrasal, A., Imam Wahyudi, S., Pratiwi Adi, H., dan Heikoop, R. 2018. Analysis of floating house platform stability using polyvinyl chloride (PVC) pipe material. *MATEC Web of Conferences*. **195**: 1–8.
- Azizah, A. dan Wibisana, H. 2020. Analisa Temporal Sebaran Suhu Permukaan Laut Tahun 2018 Hingga 2020 Dengan Data Citra Terra Modis. *Jurnal Kelautan: Indonesian Journal of Marine Science and Technology*. **13**(3): 196–205.
- Bayu, R. B. S., Astutik, R. P., dan Irawan, D. 2021. Rancang Bangun Smarhome Berbasis Qr Code Dengan Mikrokontroler Module Esp32. *JASEE Journal of Application and Science on Electrical Engineering*. **2**(01): 47–60.
- Boquet, G., Tuset-Peiró, P., Adelantado, F., Watteyne, T., dan Vilajosana, X. 2021. LR-FHSS: Overview and Performance Analysis. *IEEE Communications Magazine*. **59**(3): 30–36.
- Burdziakowski, P. dan Bobkowska, K. 2017. Accuracy of a low-cost autonomous hexacopter platforms navigation module for a photogrammetric and environmental measurements. *10th International Conference on Environmental Engineering, ICEE 2017*. (April): 27–28.
- Cahyono, D. B. 2024. Floating House Platform Stability Test with a Lightweight Concrete Cover Made of Expanded Polystyrene System (EPS). *IOP Conference Series: Earth and Environmental Science*. **1321**(1).
- Castro, S. L., Wick, G. A., dan Emery, W. J. 2012. Evaluation of the relative

- performance of sea surface temperature measurements from different types of drifting and moored buoys using satellite-derived reference products. *Journal of Geophysical Research: Oceans*. **117**(2).
- Dwiyanti, A., Maslukah, L., dan Rifai, A. 2023. Pengaruh Suhu Permukaan Laut (SPL) dan Klorofil-A Terhadap Hasil Tangkapan Ikan Layang (*Decapterus macrosoma*) di Perairan Kabupaten Rembang, Jawa Tengah. *Indonesian Journal of Oceanography*. **4**(4): 109-120.
- Eggertsen, L., Hammar, L., dan Gullström, M. 2016. Effects of tidal current-induced flow on reef fish behaviour and function on a subtropical rocky reef. *Marine Ecology Progress Series*. **559**(November): 175-192.
- Elipot, S., Sykulski, A., Lumpkin, R., Centurioni, L., dan Pazos, M. 2022. A dataset of hourly sea surface temperature from drifting buoys. *Scientific Data*. **9**(1).
- Fakhrulddin, S. S., Gharghan, S. K., dan Zubaidi, S. L. 2020. Accurate Fall Localization for Patient based on GPS and Accelerometer Sensor in Outside the House. *Proceedings - International Conference on Developments in eSystems Engineering, DeSE. 2020-Decem*(December): 432-436.
- Gunathilaka, M. D. E. K., Karunathilaka, I., dan Perera, N. 2023. Developing an Algorithm to Improve Positioning Accuracy of Low-Cost Global Navigation Satellite System Modules. *Journal of Applied Geospatial Information*. **7**(2): 1050-1058.
- Gunawan, T., Kushadiwijayanto, A. A., Nurrahman, Y. A., Muliadi, M., dan Risiko, R. 2021. Studi Karakteristik Arus Pasang Surut Muara Sungai Mempawah. *Jurnal Laut Khatulistiwa*. **4**(3): 92.
- Hadhiansah, H. H., Amron, K., dan Siregar, R. A. 2023. Analisis Karakteristik Transmisi LORA dalam Ruangan. *Jurnal Pengembangan Teknologi Informasi dan Ilmu Komputer*. **7**(4): 2054-2062.
- Handayani, F., Adi, H. P., dan Wahyudi, S. I. 2021. Mathematical analysis and experimental testing of floating building platform prototypes made from expanded polystyrene system (Styrofoam) and lightweight concrete. *IOP Conference Series: Earth and Environmental Science*. **698**(1).
- Harianingsih, H., Suwardiyono, S., B, N. E., dan Wijanarko, R. 2018. Perancangan Sistem Detektor Suhu Fermentasi *Acetobacter Xylinum* menggunakan Sensor DS18B20. *Jurnal JTIC (Jurnal Teknologi Informasi dan Komunikasi)*. **2**(1): 41.
- Hilman, A., Wijaya, D. P., Saidi, B., Budiyanto, A., dan Adinandra, S. 2022. Sistem Monitoring Kelembaban Tanah pada Tanaman Tebu (MONTABU) Berbasis IoT. *Ajie*. **6**(January): 1-13.
- Hozanna, G., Nur, D., dan Kasim. 2021. Sistem Monitoring Dan Controlling Lampu Lalu Lintas Berbasis Wireless Sensor Network Menggunakan Lora. *Prosiding Seminar Nasional Teknik Elektro dan Informatika (SNTEI) 2021*. (September): 223-228.

- Huang, B., Liu, C., Banzon, V., Freeman, E., Graham, G., Hankins, B., Smith, T., dan Zhang, H. M. 2021. Improvements of the Daily Optimum Interpolation Sea Surface Temperature (DOISST) Version 2.1. *Journal of Climate*. **34**(8): 2923–2939.
- Imran, A. dan Rasul, M. 2020. Pengembangan Tempat Sampah Pintar Menggunakan Esp32. *Jurnal Media Elektrik*. **17**(2): 2721–9100.
- Irfan, M., Haryadi, Y., Haryanto, D., dan Rusdiansyah, A. 2021. Tinjauan Teknis Penempatan Sistem Mooring Buoy Dan Obu Ina-Tews Di Dasar Laut. *Oseanika*. **2**(1): 1–16.
- Jang, J. C. dan Park, K. A. 2019. High-resolution sea surface temperature retrieval from Landsat 8 OLI/TIRS data at coastal regions. *Remote Sensing*. **11**(22).
- Knedly, J. J. 2013. Reviews of Geophysics. *Eos, Transactions American Geophysical Union*. **69**(37): 849–849.
- Koestoer, R. A., Saleh, Y. A., Roihan, I., dan Harinaldi. 2019. A simple method for calibration of temperature sensor DS18B20 waterproof in oil bath based on Arduino data acquisition system. *AIP Conference Proceedings*. **2062**.
- Kusuma, H. A., Alfahmi, M. H., Suhendra, T., dan Setyono, D. E. D. 2023. Buoy Observasi Data Parameter Oseanografi Dan Meteorologi di Perairan Terumbu Karang: Desain dan Implementasi. *Techné: Jurnal Ilmiah Elektroteknika*. **22**(2): 259–272.
- Laun, L. A. dan Pittman, E. E. 2019. Development of a Small, Low-Cost, Networked Buoy for Persistent Ocean Monitoring and Data Acquisition. *OCEANS 2018 MTS/IEEE Charleston, OCEAN 2018*. (March): 1–6.
- Liu, Q. dan Chen, Y. 2017. Research on sea surface drifting buoy based on Beidou communication System. *Advances in Engineering Research (AER)*. **130**(Fmsmt): 1300–1304.
- Mackey, A. dan Spachos, P. 2019. LoRa-based Localization System for Emergency Services in GPS-less Environments. *INFOCOM 2019 - IEEE Conference on Computer Communications Workshops, INFOCOM WKSHPs 2019*. 939–944.
- Martínez-ledesma, M. 2018. IMEDEA - Mediterranean Institute for Advanced Studies. (July 2011). Advance Access published 2018.
- Le Menn, M., Poli, P., David, A., Sagot, J., Lucas, M., O'Carroll, A., Belbeoch, M., dan Herklotz, K. 2019. Development of Surface Drifting Buoys for Fiducial Reference Measurements of Sea-Surface Temperature. *Frontiers in Marine Science*. **6**(September).
- Morey, S. L., Wienders, N., Dukhovskoy, D. S., dan Bourassa, M. A. 2018. Measurement characteristics of near-surface currents from ultra-thin drifters, drogued drifters, and HF radar. *Remote Sensing*. **10**(10).
- Nathaniel, B. 2002. Tides and Tidal Current. *The American Practical Navigator*. **2**:

- Oktafianda, W. dan Suriani, M. 2024. Kajian Distribusi Suhu Permukaan Laut Dan Klorofil - A Di Perairan Aceh Barat (Study Of The Distribution Of Sea Surface Temperature Distribution And Chlorophyll-A In West Aceh Indexing By: Indikator kesuburan perairan menentukan dan mempengaruhi kualitas. *Journal of Indonesian Tropical Fisheries (JOINT-FISH)*. **7**(1): 41-53.
- Oussama, M. H. 2020. Internet of Things (IoT) Automatic Weather Station. *Algeria: University of Biskra*. (November). Advance Access published 2020: doi:10.13140/RG.2.2.25803.41760.
- Panjaitan, F. A. P., Wulandari, S. Y., Handoyo, G., dan Harsono, G. 2021. Identifikasi dan Stratifikasi Massa Air di Laut Sulawesi. *Indonesian Journal of Oceanography*. **3**(3): 322-331.
- Pitman, R. L., Durban, J. W., Joyce, T., Fearnbach, H., Panigada, S., dan Lauriano, G. 2020. Skin in the game: Epidermal molt as a driver of long-distance migration in whales. *Marine Mammal Science*. **36**(2): 565-594.
- Priska, A., Piranti, A. S., dan Riyanto, E. A. 2020. Kualitas Air dan Komunitas Zooplankton di Kawasan Segara Anakan Bagian Timur, Cilacap. *Jurnal Ilmiah Biologi Unsoed*. **2**(3): 427-434.
- Purba, N. P., Pranowo, W. S., Faizal, I., dan Adiwira, H. 2018. Temperature-Salinity stratification in the Eastern Indian Ocean using argo float. *IOP Conference Series: Earth and Environmental Science*. **162**(1).
- Purnama, S. A., Widya Puspita Sari, dan Ferdina, R. 2022. Difference of color stability of E-glass fiber dental and E-glass fiber non dental FRC. *Makassar Dental Journal*. **11**(3): 275-280.
- Putra, I. N. J. T., Karang, I. W. G. A., dan Putra, I. D. N. N. 2019. Analisis Temporal Suhu Permukaan Laut di Perairan Indonesia Selama 32 Tahun (Era AVHRR). *Journal of Marine and Aquatic Sciences*. **5**(2): 234.
- Qadir, Q. M. 2021. Analysis of the Reliability of LoRa. *IEEE Communications Letters*. **25**(3): 1037-1040.
- Qiu, M., Qiu, Y., Yang, Y., dan Bai, Y. 2020. Research on GPS Timing Remote Synchronization Algorithm in High Altitude Meteorological Data Acquisition System. *IOP Conference Series: Materials Science and Engineering*. **740**(1).
- Respati, A. F., Diansyah, G., dan Agussalim, A. 2020. Analisis Data Arus Pasang Surut Dan Arus Non Pasang Surut Di Sebagian Selat Bangka. *Maspari Journal : Marine Science Research*. **12**(1): 25-30.
- Ribotti, A., Borghini, M., Satta, A., dan Magni, P. 2019. Ship-Mounted Acoustic Doppler Current Profiler (ADCP): Characteristics and Field Applications to Measure Coastal Hydrodynamics. *Encyclopedia of Water*. (July 2020): 1-11.

- Rifai, A., Rochaddi, B., Fadika, U., Marwoto, J., dan Setiyono, H. 2020. Kajian Pengaruh Angin Musim Terhadap Sebaran Suhu Permukaan Laut (Studi Kasus: Perairan Pangandaran Jawa Barat). *Indonesian Journal of Oceanography*. **2**(1): 98-104.
- Rohman, Y. A., Danar Guruh, P., dan Khomsin. 2021. Analisa Pendangkalan Jalur Pelayaran Menggunakan Pemodelan Hidrodinamika 3D (Studi Kasus : Perairan Pelabuhan PT Petrokimia Gresik) Yoga Arif Rohman , Danar Guruh Pratomo *, Khomsin Pendahuluan Kabupaten Gresik merupakan salah satu daerah yang terdapat. *Geoid*. **17**(1): 119-132.
- Sari, Y. N., Wirasatriya, A., Kunarso, K., Rochaddi, B., dan Handoyo, G. 2020. Variabilitas Arus Permukaan Di Perairan Samudra Hindia Selatan Jawa. *Indonesian Journal of Oceanography*. **2**(1): 1-7.
- Schmiing, M., Afonso, P., Tempera, F., dan Santos, R. S. 2013. Predictive habitat modelling of reef fishes with contrasting trophic ecologies. *Marine Ecology Progress Series*. **474**: 201-216.
- Setya Wijaya, E., Sari, Y., Baskara, A. R., Rivaldy, A., dan Studi, P. 2021. Penerapan Logika Fuzzy Tsukamoto Untuk Pemantauan Kestabilan Suhu Menggunakan Sensor DS18B2 Pada Styrofoam Box Pengemasan Ikan (Application Of Tsukamoto Fuzzy Logic For Temperature Stability Monitoring Using DS18B2 Sensor On Styrofoam Box Fish Packing). *Journal of Science and Technology Naskah*. (November). Advance Access published 2021.
- Suhanda, D. dan Putra, M. G. A. 2021. Pengaruh Musim Terhadap Distribusi Temperatur, Salinitas Dan Densitas Di Laut Halmahera. *Jurnal Riset Kelautan Tropis (Journal Of Tropical Marine Research) (J-Tropimar)*. **3**(1): 34.
- Thanaraj, T., Tan, K., Wang, C. H. J., Ng, E. M., dan Low, K. H. 2022. Initial Reliability Assessment of a Commercial-Off-The-Shelf GPS Sensor for Generic UAVs. *Integrated Communications, Navigation and Surveillance Conference, ICNS. 2022-April*.
- Unesco. 2016. GUIDE TO DRIFTING DATA BUOYS. *Intergovernmental Oseanographic Commission*. **20**(1): 1-71.
- Wahidin, L. O., Jaya, I., dan Atmadipoera, A. S. 2018. Design, construction, and stability test of aerial wireless coastal buoy. *IOP Conference Series: Earth and Environmental Science*. **176**(1).
- Waru, A. 2022. Analisis Keterkaitan Arus Pasang Surut dan Pasang Surat di Wilayah Perairan Laut Flores Studi Kasus Labuan Bajo dan Maumere. *Magnetic: Research Journal Of Physics and It's Application*. **2**(2): 173-178.
- Wei, Z., Fang, G., Susanto, R. D., Adi, T. R., Fan, B., Setiawan, A., Li, S., Wang, Y., dan Gao, X. 2016. Tidal elevation, current, and energy flux in the area between the South China Sea and Java Sea. *Ocean Science*. **12**(2): 517-531.
- Wiyadi, H. T., Muslim, dan Marwoto, J. 2022. Pemodelan Hidrodinamika pada

- Musim Barat di Pantai Gosong Kalimantan Barat sebagai Calon Tapak PLTN Pertama di Indonesia pada Tahun 2025. *Indonesian Journal of Oceanography*. **04**(02): 97-106.
- World Meteorological. 2015. Intergovernmental Oceanographic Commission of UNESCO World Meteorological Organization. (37).
- Yoshida, M. A. dan Mabuchi, K. 2023. Using a drifting GPS-Argos satellite buoy as a method for detecting acoustic-tagged fish offshore in an ancient lake. *Animal Biotelemetry*. **11**(1): 1-15.
- Z. Wang, F. Han, Y. J. and W. L. 2020. Performance and Exergy Transfer Analysis of Heat. *Energies*. **13**, **1762**: 1-17.
- Zenyda, K. S., Subiyanto, Faizal, I., Prayogo, N., dan Purba, N. P. 2021. Evaluation of a New Integrated Marine Instruments: RHEA (*Drifter* GPS Oceanography Coverage Area). *IOP Conference Series: Earth and Environmental Science*. **925**(1).

