

## DAFTAR PUSTAKA

- Atkins, T., Goshow, C., dan Kenny, A., 2015, *The Assessment of Harbour Protection Schemes for Long Period Waves*, New Zealand: Australasian Coasts & Ports Conference.
- Ceritasibolga.com, 2016, Pantai Ujung Sibolga Terlantar, diakses pada Desember 2018, dari [www.ceritasibolga.com/2016/09/pantai-ujung-sibolga-terlantar.html](http://www.ceritasibolga.com/2016/09/pantai-ujung-sibolga-terlantar.html).
- Demirbilek, Z., dan Panchang, V., 1998, *CGWAVE: A Coastal Surface Water Wave Model of the Mild Slope Equation*, Washington D.C.: U.S. Army Corps of Engineers.
- CERC, 1984, *Shore Protection Manual*, Vicksburg, Mississippi: Waterways Experiment Station, Corps of Engineers.
- Elhakeem, M., Paleologos, E.K., El Amrousi, M., 2019, *2-D Coastal Hydrodynamic Model to Evaluate the Performance of the Abu Dhabi Shore Protection System*, Abu Dhabi: IOP Publishing.
- Febri, R., Achmad, N., dan Sriyono, E., 2015, Analisa Transformasi Gelombang Dominan Pelabuhan Glagah (Studi Perbandingan *Software Awave 2-3* dengan *CGWAVE*), Yogyakarta: Jurnal Teknik Vol. 5 No. 1: 20 - 29
- Ikhsanudin, M.H., Sugianto, D.N., dan Purwanto, 2017, Analisis Transformasi dan Spektrum Gelombang Berarah di Perairan Sayung Demak Jawa Tengah, Semarang: Jurnal Oceanografi UNDIP. Vol.6, No.1: 89-99.
- Karima, D. A., & Sarwono, B., (2017), Perencanaan Bangunan Pemecah Gelombang di Teluk Sumbreng, Kabupaten Trenggalek, Jurnal Teknik ITS, Vol. 6 No. 2: 280-285.
- Lanura, B. S., Pradjoko, E., dan Harianto, B., (2017), Kondisi Gelombang di Wilayah Perairan Pantai Labuhan Haji, Spektrum Sipil, Vol. 1 No.1: 55-72.
- Mulyabakti, C., Jasin. M.I., Mamoto, J.D., 2016, Analisis Karakteristik Gelombang dan Pasang Surut pada Daerah Pantai Paal Kecamatan Likupang Timur Kabupaten Minahasa Utara, Manado: Jurnal Sipil Statik Vol. 4 No. 9: 585-594.
- Pratama, R. L., Widagdo, S., & Rahyono, R., (2019), Karakteristik Tinggi Gelombang untuk Perencanaan *Breakwater* di Pelabuhan Jangkar Situbondo, Jawa Timur, Jurnal Riset Kelautan Tropis (Journal of Tropical Marine Research)(J-Tropimar), Vol. 1 No.1: 57-65.
- Rabung, F., Muhiddin, A.B., Hatta, M.P., dan Malik, S., 2015, Deformasi Gelombang di Pantai Makassar, Prosiding Fakultas Teknik Universitas Hasanuddin vol. 9.
- Refi, A., (2013), Analisis *Breakwater* pada Pelabuhan Teluk Bayur dengan Menggunakan Batu Alam, Tetrapod, dan A-Jack, Padang, Jurnal Momentum, Vol. 15 No. 2: 1-14.
- Sasikumar, S., Kamath, A., Musch, O., Lothe, A.E., dan Bihs, H., 2018, *Numerical Study on the Effect of a Submerged Breakwater Seaward of an Existing Breakwater for Climate Change Adaption*, *Proceedings of the ASME 37th International Conference on Ocean, Offshore and Arctic Engineering*, Madrid: OMAE.

- Sharma, A., dan Panchang, V., 2014, *Finite Element Modeling of Nonlinear Wave Transformation Using Elliptic Mild Slope Equation*, Coastal Engineering.
- Sharma, A., Panchang, V.G., dan Kaihatu, J.M., 2014, *Modeling Nonlinear Wave-Wave Interactions with the Elliptic Mild Slope Equation*, Texas: Elsevier, Applied Ocean Research, 48: 114-125.
- Triatmodjo, B., 1999, Teknik Pantai, Yogyakarta: Beta Offset.
- Triatmodjo, B., 2009, Perencanaan Pelabuhan, Yogyakarta: Beta Offset.
- Umar, 2011, Kajian Pengaruh Gelombang Terhadap Kerusakan Pantai Matang Danau Kabupaten Sambas, Pontianak, Jurnal Teknik Sipil UNTAN, Vol. 11 No. 1: 93 – 102.
- USACE, 2015, *Coastal Engineers Manual*, Washington D.C.: Coastal Hydrolic Laboratory.
- Zidan, A. R., Rageh, O. S., Sarhan, T., & Esmail, M. (2012), Effect of breakwaters on Wave Energy Dissipation (Case Study: Ras El-Bar Beach, Egypt), International Water Technology Journals. Vol. 2 No. 4: 268-283.
- Zulkifli, Thaha, H.M.A., Karamma, R., 2017, Simulasi Gelombang Parairan Kota Bubau dengan Menggunakan SMS (Surface Water Modeling System), Makassar: Universitas Hasanuddin.