

DAFTAR PUSTAKA

- Abou Samra, R. M., & Ali, R. R. (2021). Applying DSAS Tool to Detect Coastal Changes Along Nile Delta, Egypt. *Egyptian Journal of Remote Sensing and Space Science*, 24(3), 463–470. <https://doi.org/10.1016/j.ejrs.2020.11.002>
- Appeaning Addo, K., Jayson-Quashigah, P. N., & Kufogbe, K. S. (2012). Quantitative Analysis of Shoreline Change Using Medium Resolution Satellite Imagery in Keta, Ghana. *Marine Science*, 1(1), 1–9. <https://doi.org/10.5923/j.ms.20110101.01>
- Aris, T., Apriansyah, Z., Wulan, T. R., Putra, A. S., & Maulana, E. Analisis Data Pasang Surut untuk Menentukan Keakuratan Hasil Identifikasi Tipe Pasang Surut dengan Perangkat Lunak Coastalicious. (Studi Kasus di Pesisir Cilacap Jawa Tengah).
- Armenio, E., De Serio, F., Mossa, M., & Petrillo, A. F. (2019). Coastline Evolution Based on Statistical Analysis and Modeling. *Natural Hazards and Earth System Sciences*, 19(9), 1937–1953. <https://doi.org/10.5194/nhess-19-1937-2019>
- Asrofi, A., Hardoyo, S. R., & Sri Hadmoko, D. (2017). Strategi Adaptasi Masyarakat Pesisir dalam Penanganan Bencana Banjir Rob dan Implikasinya Terhadap Ketahanan Wilayah (Studi di Desa Bedono Kecamatan Sayung Kabupaten Demak Jawa Tengah). *Jurnal Ketahanan Nasional*, 23(2), 1. <https://doi.org/10.22146/jkn.26257>
- Badan Informasi Geospasial (BIG). (2021). Gazeter Republik Indonesia Unsur Rupabumi Wilayah Laut. BIG. Cibinong.
- Badan Pusat Statistik. (2025). Kabupaten Cilacap dalam Angka. Cilacap: BPS Kabupaten Cilacap. Diunduh dari: <http://cilapkab.bps.go.id> (diakses pada 19 Juni 2025).
- Baig, M. R. I., Ahmad, I. A., Shahfahad, Tayyab, M., & Rahman, A. (2020). Analysis of Shoreline Changes in Vishakhapatnam Coastal Tract Of Andhra Pradesh, India: An Application of Digital Shoreline Analysis System (DSAS). *Annals of GIS*, 26(4), 361–376. <https://doi.org/10.1080/19475683.2020.1815839>

- Beluru Jana, A., & Hegde, A. V. (2016). GIS Based Approach for Vulnerability Assessment of the Karnataka Coast, India. *Advances in Civil Engineering*, 2016. <https://doi.org/10.1155/2016/5642523>
- Caldwell, P. C., M. A. Merrifield, P. R. Thompson (2015), Sea Level Measured By Tide Gauges From Global Oceans — The Joint Archive For Sea Level Holdings (NCEI Accession 0019568), Version 5.5, *NOAA National Centers for Environmental Information*, Dataset, doi:10.7289/V5V40S7W.
- Coastal Engineering Reserch Center. (1984). *Shore Protection Manual*, Vol I and II, Army Engineer Waterways Experiment Station, Vicksburg, Washington DC.
- Dahuri, R., Rais J., Ginting, S.P., Sitepu, M. J., 1996. *Pengelolaan Sumber Daya Wilayah Pesisir dan Lautan Secara Terpadu*. Jakarta: Pradnya Paramitha.
- Duxbury, A., Duxbury, A. C., Sverdrup, K. A., 2006. *Fundamental of Oceanography*. 5th edition. New York: McGraw Hill.
- Elizabeth, A. P., Robert, T. E., Jeffress, W. S. 2006. *Coastal Vulnerability Assessment of Kaloko Honokohau National Historical Park to Sea-Level Rise*. U.S. Geological Survey Open-File Report 2005-1248. Reston, Virginia.
- Ervita, K. & Marfai, M. (2017). Shoreline Change Analysis in Demak, Indonesia. *Journal of Environmental Protection*, 8, 940-955. doi: 10.4236/jep.2017.88059.
- Febriansyah, I., DS, A. A., & Helmi, M. (2012). Kajian Kerentanan Pantai di Pesisir Kabupaten Cilacap, Jawa Tengah. *Journal of Oceanography*, 1(2), 139-148.
- Fitrianita, E., Kistanto, N. H., & Lathifah, A. (2019). Resistensi Nelayan dalam Pembangunan PLTU Cilacap Desa Menganti Kecamatan Kesugihan Kabupaten Cilacap. *Endogami: Jurnal Ilmiah Kajian Antropologi*, 3(1), 15-29. <https://doi.org/10.14710/endogami.3.1.15-29>
- Fuad, M. A. Z., & Fais D A, M. (2017). Automatic Detection of Decadal Shoreline Change on Northern Coastal of Gresik, East Java - Indonesia. *IOP Conference*

Series: Earth and Environmental Science, 98(1). <https://doi.org/10.1088/1755-1315/98/1/012001>

Gross, M. G. (1977) *Oceanography a View of the Earth*, New Jersey, Prentice Hall, Inc, Englewood Cliff.

Harikrishna, S., Gurugnanam, B., Bairavi, S., & Shekar, S. (2024). Geospatial Technology Based Shoreline Change Analysis (1992–2022) And Predictive Forecast Modeling For 2032 And 2042, Utilizing DSAS, Along the Eastern Coast of India. *Kuwait Journal of Science*, 51(4). <https://doi.org/10.1016/j.kjs.2024.100272>

Hilmi, E., Hendarto, E., & Asrul Sahri. (2012). Analisis Potensi Bencana Abrasi dan Tsunami di Pesisir Cilacap. Dalam *Jurnal Penanggulangan Bencana* (Vol. 3, Nomor 1).

Huggett, R. J. (2007). *Fundamentals of Geomorphology*, 2nd Edition, Routledge Published.

Kementerian Kelautan dan Perikanan. 2022. Kementerian Kelautan dan Perikanan Dalam Angka Tahun 2022. Jakarta.

Kodoatir, R. J., Sjarief, R. (2010). *Tata Ruang Air*. Yogyakarta: Penerbit ANDI.

Li, R., Ma, R., & Di, K. (2002). Digital Tide-Coordinated Shoreline. *Marine Geodesy*, 25(1–2), 27–36. <https://doi.org/10.1080/014904102753516714>

Mahapatra, M., Ratheesh, R., & Rajawat, A. S. (2014). Shoreline Change Analysis along the Coast of South Gujarat, India, Using Digital Shoreline Analysis System. *Journal of the Indian Society of Remote Sensing*, 42(4), 869–876. <https://doi.org/10.1007/s12524-013-0334-8>

Marchand, M. (2010). *Concepts and Science for Coastal Erosion Management. Concise Report For Policy Makers*. Deltares, Delft.

- Mardiatno, D., & Wiratama, H. (2021). Spatiotemporal Analysis of Marine Debris Existence in Parangtritis Coastal Area, Yogyakarta, Indonesia. *Journal of Fisheries and Marine Research* (Vol. 5, Nomor 1). <http://jfmr.ub.ac.id>
- Marfai, M. A., Almohammad, H., Dey, S., Susanto, B., & King, L. (2008). Coastal Dynamic and Shoreline Mapping: Multi-Sources Spatial Data Analysis In Semarang Indonesia. *Environmental Monitoring and Assessment*, 142(1–3), 297–308. <https://doi.org/10.1007/s10661-007-9929-2>
- Marfai, M. A. (2011). *Pengantar Pemodelan Geografi*. Yogyakarta: Badan Penerbit Fakultas Geografi.
- Marfai, M.A., Winastuti, R., Wicaksono, A. (2022). Coastal Morphodynamic Analysis in Buleleng Regency, Bali-Indonesia. *Nat Hazards* 111, 995–1017. <https://doi.org/10.1007/s11069-021-05088-8>
- Martinez, D. O., Fernandez, P. M., Fombellida, P. C. M., Gonzalez, M. M., Portal, R. A., & Rosa, K. L. de la. (2020). Cuba Surface Estimation From Shoreline Mapping, Generated By Sentinel-2 Image Processing. *International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives*, 43(B3), 175–180. <https://doi.org/10.5194/isprs-archives-XLIII-B3-2020-175-2020>
- Maulani, E., Handoyo, G., & Helmi, M. (2012). Kajian Potensi Energi Pasang Surut di Perairan Kabupaten Cilacap Propinsi Jawa Tengah. *Journal of Oceanography*, 1(1), 78-86.
- McFeeters, S. K. (1996). The use of the Normalized Difference Water Index (NDWI) in the delineation of open water features. *International Journal of Remote Sensing*, 17(7), 1425–1432. <https://doi.org/10.1080/01431169608948714>
- Mutaqin, B. W. (2017). Shoreline Changes Analysis in Kuwaru Coastal Area, Yogyakarta, Indonesia: An Application of the Digital Shoreline Analysis System (DSAS). *International Journal of Sustainable Development and Planning*, 12(7), 1203–1214. <https://doi.org/10.2495/SDP-V12-N7-1203-1214>

- Mutaqin, B. W., Munandar, A. V., Jatmiko, J., Harini, R., & Purnama, I. S. (2024). Statistical Analysis of Short-Term Shoreline Change Behavior Along The Southern Cilacap Coasts of Indonesia. *Geoplanning: Journal of Geomatics and Planning*, 11(2), 165-176. <https://doi.org/10.14710/geoplanning.11.2.165-176>
- Natesan, U., Parthasarathy, A., Vishnunath, R., Kumar, G. E. J., & Ferrer, V. A. (2015). Monitoring Longterm Shoreline Changes Along Tamil Nadu, India Using Geospatial Techniques. *Aquatic Procedia*, 4, 325-332. <https://doi.org/10.1016/j.aqpro.2015.02.044>
- Ongkosongo, O. S. R., (2010). *Kuala, Muara Sungai, dan Delta*. Jakarta: LIPI Pusta Penelitian Oseanografi.
- Peraturan Presiden Nomor 51 Tahun 2016 tentang Batas Sempadan Pantai.
- Poerbondono & Djunasjah, E. (2012). *Survei Hidrografi*. Bandung: Refika Adimata.
- Putra, A. E., Najamuddin., & Hajar, M. A. I. (2013). Pengaruh Arah dan Kecepatan Arus terhadap Hasil Tangkapan Jaring Perangkap Pasif (*Set Net*) di Teluk Mallasoro, Jeneponto. *J. Sains & Teknologi*. 13(3), 257–263.
- Ramdhan, M., Yulius, Y., & Kholik, N. (2020). Shoreline Change Dynamics using Digital Shoreline Analysis in Cemara Besar Island. *Jurnal Segara*. 16. 10.15578/segara.v16i2.8360.
- Rifai, A., Rochaddi, B., Fadika, U., Marwoto, J., & Setiyono, H. (2020). Kajian Pengaruh Angin Musim Terhadap Sebaran Suhu Permukaan Laut (Studi Kasus : Perairan Pangandaran Jawa Barat). *Indonesian Journal of Oceanography*, 2(1).
- Salghuna, N. N., & Bharathvaj, S. A. (2015). Shoreline Change Analysis for Northern Part of the Coromandel Coast. *Aquatic Procedia*, 4, 317–324. <https://doi.org/10.1016/j.aqpro.2015.02.043>
- Sasongko, D. P. (2014). Menentukan Tipe Pasang Surut Dan Muka Air Rencana Perairan Laut Kabupaten Bengkulu Tengah Menggunakan Metode Admiralty. *Maspari Journal: Marine Science Research*, 6(1), 1-12.

- Saxena, S., Geethalakshmi, V., & Lakshmanan, A. (2013). Development Of Habitation Vulnerability Assessment Framework for Coastal Hazards: Cuddalore Coast In Tamil Nadu, India-A Case Study. *Weather and Climate Extremes*, 2, 48–57. <https://doi.org/10.1016/j.wace.2013.10.001>
- Sunarto, (2003). *Geomorfologi Pantai: Dinamika Pantai*. Laboratorium Geomorfologi Terapan. Jurusan Geografi Fisik, Fakultas Geografi, Universitas Gadjah Mada.
- Sunarto dan Marfai, A. (2012). Potensi Bencana Tsunami dan Kesiapsiagaan Masyarakat Menghadapi Bencana Studi Kasus Desa Sumberagung Banyuwangi Jawa Timur. *Forum Geografi* 26, No. 1 : 17 – 28.
- Sunarto, M., Aris, M., & Setiawan, M. A. (2014). Geomorfologi dan Dinamika Pesisir Jepara.
- Stewart, R. H., (2008). Introduction To Physical Oceanography. Texas: Department of Oceanography Texas A & M University.
- Surinati, D., & Wijaya, J. H. M. (2017). Arus Selatan Jawa. *Oseana*, 42(3), 1–8.
- Thomas, D. S., & Goudie, A. S. (Eds). (2009). *The Dictionary of Physical Geography*. John Wiley & Sons.
- Tjasjono, B. (1999). *Klimatologi Umum*, Bandung, ITB.
- Triatmodjo, B, 1999. *Teknik Pantai*. Yogyakarta: PT Beta Offset.
- Undang-Undang Penanggulangan Bencana Nomor 24 Tahun 2007.
- Undang-Undang Republik Indonesia No.11 Tahun 2020 tentang Cipta Kerja.
- Wicaksono, A., Wicaksono, P., Khakhim, N., Farda, N. M., & Marfai, M. A. (2019). *Semi-Automatic Shoreline Extraction Using Water Index Transformation on Landsat 8 OLI Imagery in Jepara Regency*. 52. <https://doi.org/10.1117/12.2540967>