DAFTAR PUSTAKA

Achdan A. and Sudana D 1992 Geological Map of The Karawang Quadrangle, Jawa (Bandung: Pusat Penelitian dan Pengembangan Geologi) p:10

Addo KA, Quashigah KS, Kufogbe KS (2011) Quantitative analysis of shoreline change using medium resolution satellite imagery in Keta, Ghana. Mar Sci 1(1):1–9

Adebisi, N., Balogun, A. L., Min, T. H., & Tella, A. (2021). Advances in estimating Sea Level Rise: A review of tide gauge, satellite altimetry and spatial data science approaches. In Ocean and Coastal Management (Vol.208). Elsevier Ltd. https://doi.org/10.1016/j.ocecoaman.2021.105632

Ahammed, B. K. K., & Pandey, A. C. (2022). Assessment and prediction of shoreline change using multi-temporal satellite data and geostatistics: A case study on the eastern coast of India. *Journal of Water and Climate Change*, *13*(3), 1477–1493. https://doi.org/10.2166/wcc.2022.270

Agus, F., Liliek, S., Roberto.P.P. (2020). Kajian Hidro – Oseanografi di Perairan Kabupaten Karawang. PELAGICUS: Jurnal IPTEK Terapan Perikanan dan Kelautan 1(1):39-51 DOI:10.15578/plgcv1i1.8653

Akhmad. R., Setiabudi, Thonas, I., Maryanto (2018). Karawang dengan Aplikasi Digital Shoreline Analysis System (DSAS). 2018(2), 42–50.

Aizebeokhai, A. P. (2009). Global warming and climate change: Realities, uncertainties and measures. In *International Journal of Physical Sciences* (Vol. 4, Issue 13). http://www.academicjournals.org/IJPS

Andri Kisnarti, E., & Djanat Prasita, V. (2014). Methods of Tidal Approach for Determination of Sea Level Rise in Surabaya Waters. In *The International Journal of Engineering and Science (IJES)* (Vol. 3).

Ann E Gibbs, Karin A Ohman, Ryan Coppersmith, & Bruce M Richmond. (2017). Digital Shoreline Analysis System (DSAS) version 4.3 Transects with Long-Term Linear Regression Rate Calculations for the Sheltered East Chukchi Sea coast of Alaska between Point Barrow and Icy Cape. USGS Science Data Catalog. dcd919a9-41d5-4754-b519-628d0d549b2d

Antonio, C., Vieira, O., & Roberts, D. (2023). Assessing Thematic and Geometric Accuracy for Remote Sensing Product Classification Process: Per-Object Approach. https://proceedings.science/p/164114?

Ariana, D., Kusmana, C., & Setiawan, Y. (2017). Study of Sea Level Rise Using Satellite Altimetry Data in The Sea of Dumai, Riau, Indonesia. Geoplanning: Journal of Geomatics and Planning, 4(1), 75. https://doi.org/10.14710/geoplanning.4.1.75-82

Badan Informasi Geospasial. (2014). Peraturan Kepala Badan Informasi Geospasial Nomor 15 Tahun 2014 tentang Pedoman Teknis Ketelitian Peta Dasar

Badan Informasi Geospasial. 2024. Garis Pantai Indonesia Skala 1:25000 Tahun 2022. Diakses 17 Desember, 2024. https://geoservices.big.go.id/rbi/rest/services/GARISPANTAI/GarisPantai_25K/MapServer

Balogun, A.-L., and N. Adebisi. (2021). Sea Level Prediction Using ARIMA, SVR and LSTM Neural Network: Assessing the Impact of Ensemble Ocean-Atmospheric Processes on Models' Accuracy. *Geomatics, Natural Hazards and Risk* 12 (1): 653–674.

Basiouny, M., Kafrawy, S., Ghanem, E., & Taha, A. (2017). Shoreline Change Rate Detection and Future Prediction Using Remote Sensing and GIS Techniques: A Case Study of Ras EL-Hekma, North Western Coast, Egypt. *Journal of Geography, Environment and Earth Science International*, *9*(3), 1–14. https://doi.org/10.9734/jgeesi/2017/32086

Bhowmick, P., Mukhopadhyay, S., & Sivakumar, V. (2014). A review on GIS-Based Fuzzy and Boolean logic Modelling approach to identify the suitable sites for Artificial Recharge of Ground Water. Scholars Journal of Engineering and Technology, 2(SJET), 316–319. www.saspublisher.com

Boak EH, Turner IL. (2005) Shoreline Definition & Detection: A review. *Journal of Coastal Research*, Number 214:688-703

Brahim, S., I. Made, S. (1988). Perkembangan Wilayah Tambak Udang di Kabupaten Karawang Jawa Barat tahun 1980 - 1985

Brunel, C., & Sabatier, F. (2009). Potential influence of sea-level rise in controlling shoreline position on the French Mediterranean Coast. Geomorphology, 107(1–2), 47–57. https://doi.org/10.1016/j.geomorph.2007.05.024

Bruni, S., Fenoglio, L., Raicich, F., & Zerbini, S. (2022). On the consistency of coastal sea-level measurements in the Mediterranean Sea from tide gauges and satellite radar altimetry. Journal of Geodesy, 96(6). https://doi.org/10.1007/s00190-022-01626-9

Burrough', P. A. (1989). Soil Use and Management Matching spatial databases and quantitative models in land resource assessment (Vol. 5, Issue 1)

Carbognin, L., Teatini, P., Tomasin, A., & Tosi, L. (2010). Global change and relative sea level rise at Venice: What impact in Term of Flooding. *Climate Dynamics*, *35*(6), 1055–1063. https://doi.org/10.1007/s00382-009-0617-5

Cazenave, A., & Llovel, W. (2010). Contemporary sea level rise. *Annual Review of Marine Science*, *2*(1), 145–173. https://doi.org/10.1146/annurev-marine-120308-081105

Cazenave, A., Palanisamy, H., Ablain, M., (2018). Contemporary sea level changes from satellite altimetry: What have we learned? What are the new challenges? *Adv. Space Res*. 62, 1639–1653

Chand, P., & Acharya, P., (2010) Shoreline Change and Sea Level Rise Along of Bhitarkanika Wildlide Sanctuary, Orissa: An Analytical Approach of Remote Sensing and Statistical Technique. International Journal of Geomatics and Geosciences, 1(3):436-455

Chrismiantari, R. V., Koesuma, S., & Legowo, B. (2021). Analysis of sea level rise by using satellite altimetry data of West Sumatra Waters in 2009-2019. Journal of Physics: Conference Series, 1825(1). https://doi.org/10.1088/1742-6596/1825/1/012010

Ciritci, D., & Türk, T. (2019). Automatic Detection of Shoreline Change by Geographical Information System (GIS) and Remote Sensing in the Göksu Delta, Turkey. Journal of the Indian Society of Remote Sensing, 47(2), 233–243. https://doi.org/10.1007/s12524-019-00947-1

Cooper MJP, Beevers MD, Oppenheimer M (2008) The potential impacts of sea level rise on the coastal region of New Jersey, USA. Clim Change 90:475–492

Dewidar, K., & Bayoumi, S. (2021). Forecasting shoreline changes along the Egyptian Nile Delta coast using Landsat image series and Geographic Information System. In *Environmental Monitoring and Assessment* (Vol. 193, Issue 7). Springer Science and Business Media Deutschland GmbH. https://doi.org/10.1007/s10661-021-09192-x

Dieng, H. B., Cazenave, A., Gouzenes, Y., & Sow, B. A. (2021). Trends and inter-annual variability of altimetry-based coastal sea level in the Mediterranean Sea: Comparison with tide gauges and models. *Advances in Space Research*, 68(8), 3279–3290. https://doi.org/10.1016/j.asr.2021.06.022

Din, A. H. M., N. A. Zulkifli, M. H. Hamden, and W. A. W. Aris. (2019). Sea Level Trend Over Malaysian Seas from Multi-Mission Satellite Altimetry and Vertical Land Motion Corrected Tidal Data. Advances in Space Research 63 (11): 3452- 3472. https://doi.org/10.1016/j.asr.2019.02.02210.1007/978-3-642-12796-0

Eliot, I. & Clarke, D. 1989 Temporal and spatial bias in the estimation of shoreline rate-of-change statistics from beach survey information. Coastal Management 17, 129–156. https://doi.org/10.1080/08920758909362081

Esmail, M., Mahmod, W. E., & Fath, H. (2019). Assessment and prediction of shoreline change using multi-temporal satellite images and statistics: Case study of Damietta coast, Egypt. *Applied Ocean Research*, *82*, 274–282. https://doi.org/10.1016/j.apor.2018.11.009

Feyisa, G.L., Meilby, H., Fensholt, R., Proud, S.R. (2014). Automated Water Extraction Index: A New Technique for Surface Water Mapping Using Landsat Imagery. Rem.Sens. Environ. 140, 23–35 https://doi.org/10.1016/j.rse.2013.08.029

Fisher, A., Flood, N., & Danaher, T. (2016). Comparing Landsat water index methods for automated water classification in eastern Australia. Remote Sensing of Environment, 175, 167–182. https://doi.org/10.1016/j.rse.2015.12.055

Florentina, S., Nakamura, T., Cho, Y., Mizutani, N., & Takeuchi, M. (2021). Study on Sea Level Rise Effects on Shoreline Retreat on A Gravel Beach

Fu, Y., Zhou, X., Sun, W., Tang, Q. (2019). Hybrid model Combining Empirical Mode Decomposition, Singular Spectrum Analysis, and Least Squares for Satellite-Derived Sea-Level Anomaly Prediction. *Int. J. Rem. Sens*. 40, 7817–7829

Galgano, F. A., & Douglas, B. C. (2000). Shoreline Position Prediction: Methods and Errors. In Environmental Geosciences (Vol. 7, Issue 1)

Gilbert, J. K., & Boulter, C. J. (Eds.) (2000). Developing models in science education. Dordrecht, The Netherlands: Kluwer Academic.

Global Ocean Gridded L 4 Sea Surface Heights And Derived Variables Reprocessed Copernicus Climate Service. E.U. Copernicus Marine Service Information

(CMEMS). Marine Data Store (MDS). DOI: 10.48670/moi-00145 (Accessed on 16-January-2025)

Hasan, Z.M, Citra, A.P.I, and Nugraha, A.S.A. (2019). Monitoring Perubahan Garis Pantai di Kabupaten Jembrana Tahun 1997-2018 Menggunakan Modified Difference Water Index (MDWI) dan Digital Shoreline Analysis System (DSAS). Jurnal Pendidikan Geografi Undiksha, 7(3): 93-102

Hespanhol, L., Vallio, C. S., Costa, L. M., & Saragiotto, B. T. (2019). Understanding and interpreting confidence and credible intervals around effect estimates. In Brazilian Journal of Physical Therapy (Vol. 23, Issue 4, pp. 290–301). Revista Brasileira de Fisioterapia. https://doi.org/10.1016/j.bjpt.2018.12.006

Hidayat, S. I., Akhrianti, I., & Pamungkas, A. (2023). Analisis Perubahan Garis Pantai di Pantai Matras Kabupaten Bangka Kepulauan Bangka Belitung. *Journal of Tropical Marine Science*, *6*(1), 69–75. https://doi.org/10.33019/jour.trop.mar.sci.v6i1.4102

Himmelstoss, E. A, Rachel E. H., M. G K., and Amy S F. (2018). Digital shoreline analysis system (dsas) version 5.0 user guide. Technical Report, US Geological Survey

Himmelstoss, E. A., Henderson, R. E., Kratzmann, M. G., & Farris, A. S. (2021). *Digital Shoreline Analysis System (DSAS) Version 5.1 User Guide Open-File Report 2021-1091*

Idris, N. H., S. Vignudelli, and X. Deng. (202)1. Assessment of Retracked Sea Levels from Sentinel-3A Synthetic Aperture Radar (SAR) Mode Altimetry Over the Marginal Seas at Southeast Asia. *International Journal of Remote Sensing* 42 (4): 1535–1555. https://doi.org/10.1080/01431161.2020.1836427.

Idris, N. H., Munadi, M. H. F., Zheng Yong, C., Lee, B. Y., & Vignudelli, S. (2023). Sea-level rise in Southeast Asia: a review of the factors, and the observed rates from tide gauge, satellite altimeters and assimilated data techniques. International Journal of Remote Sensing. https://doi.org/10.1080/01431161.2023.2282408

Jana, A., Biswas, A., Maiti, S., & Bhattacharya, A. K. (2014). Shoreline changes in response to sea level rise along Digha Coast, Eastern India: An analytical approach of remote sensing, GIS and statistical techniques. *Journal of Coastal Conservation*, *18*(3), 145–155. https://doi.org/10.1007/s11852-013-0297-5

IPCC (2007a). UN Intergovernmental Panel on Climate Change, Fourth Assessment Report – climate change, (http://www.ipcc.ch/pdf/assessment-report/ar4/syr/ar4_syr_spm.pdf).

IPCC (2007b). UN Intergovernmental Panel on Climate Change, Supranotes 2

Jana, A., Biswas, A., Maiti, S., & Bhattacharya, A. K. (2014). Shoreline changes in response to sea level rise along Digha Coast, Eastern India: An analytical approach of remote sensing, GIS and statistical techniques. *Journal of Coastal Conservation*, *18*(3), 145–155. https://doi.org/10.1007/s11852-013-0297-5

Kafrawy, S., Basiouny, M., Ghanem, E., & Taha, A. (2017a). Performance Evaluation of Shoreline Extraction Methods Based on Remote Sensing Data. *Journal of*

Geography, Environment and Earth Science International, *11*(4), 1–18. https://doi.org/10.9734/jgeesi/2017/36233

Kasim F. (2011). Penilaian kerentanan pantai menggunakan metode integrasi CVI-MCA dan SIG, studi kasus; garis pantai pesisir Utara Indramayu. [Thesis] Jurusan Ilmu Kelautan. Sekolah Pascasarjana IPB. Bogor

Kasim, F. (2012). Pendekatan Beberapa Metode dalam Monitoring Perubahan Garis Pantai Menggunakan Dataset Penginderaan Jauh Landsat dan SIG (Some Approaching Methods in Coastline Change Monitoring Using Remote Sensing Dataset of Landsat and GIS). In *Jurnal Ilmiah Agropolitan* (Vol. 5)

Kementerian Kelautan dan Perikanan. (2025). KKP: Masyarakat Karawang Dukung Program Revitalisasi Tambak Pantura. Siaran Pers. Nomor: SP.044/SJ.5/II/2025

Khafid, M. A., Wicaksono, A. P., Saputra, D. R., Andita, F. W., & Wibowo, D. S. (2020). Geospatial modeling analysis of potential inundation impact of sea level rise: A case study of South coast Yogyakarta. *IOP Conference Series: Materials Science and Engineering*, *830*(3). https://doi.org/10.1088/1757-899X/830/3/032075

Khairunnisa, N., & Galib, M. (2022). Shoreline Changed Analysis Due to the Sea Level Rise in Pariaman City West Sumatera Province. In Journal of Coastal and Ocean Sciences e-issn (Vol. 3, Issue 1)

Khakhim, N. 2009. Kajian Tipologi Fisik Pesisir Daerah Istimewa Yogyakarta untuk Mendukung Pengembangan dan Pengelolaan Wilayah Pesisir. Disertasi. Institut Pertanian Bogor. Bogor

Khakhim, N., Kurniawan, A., Pranowo, W. S., Khasanah, E. U., & Halilintar, P. (2024). Shoreline morphological change prognostic model based on spatiotemporal framework imagery data on the northern coast of Java, Indonesia. Kuwait Journal of Science, 51(4), 100274.

Kismawardhani, R. A., Wirastriya, A., & Berlianty, D. (2018). Sea Level Rise in the Java Sea Based on Altimetry Satellites Data over 1993-2015. *IOP Conference Series: Earth and Environmental Science*, *165*(1). https://doi.org/10.1088/1755-1315/165/1/012006

Kumar, L., Afzal, M. S., & Afzal, M. M. (2020). Mapping shoreline change using machine learning: a case study from the eastern Indian coast. *Acta Geophysica*, *68*(4), 1127–1143. https://doi.org/10.1007/s11600-020-00454-9

Le Cozannet, G., Garcin, M., Yates, M., Idier, D., & Meyssignac, B. (2014). Approaches to evaluate the recent impacts of sea-level rise on shoreline changes. In Earth-Science Reviews (Vol. 138, pp. 47–60). Elsevier. https://doi.org/10.1016/j.earscirev.2014.08.005

Li, X., Götze, H. J. (2002). Ellipsoid, Geoid, Gravity, Geodesy, and Geophysics. Geophysics, 67(3), 997-997.

Lindsey R., Rick L., Greg J., Phillip T., & William S. (2023). Climate Change: Global Sea Level [Online: https://www.climate.gov/news-features/understanding-climate/climate-change-global-sea-level] Diakses Maret 26, 2023

Lombard, A., Cazenave, A., Le Traon, P. Y., & Ishii, M. (2005). Contribution of thermal expansion to present-day sea-level change revisited. *Global and Planetary Change*, *47*(1), 1–16. https://doi.org/10.1016/j.gloplacha.2004.11.016

Long, J. W., & Plant, N. G. (2012). Extended Kalman Filter framework for forecasting shoreline evolution. Geophysical Research Letters, 39(13). https://doi.org/10.1029/2012GL052180

Louati, M., Saïdi, H., & Zargouni, F. (2015). Shoreline change assessment using remote sensing and GIS techniques: a case study of the Medjerda delta coast, Tunisia. *Arabian Journal of Geosciences*, *8*(6), 4239–4255. https://doi.org/10.1007/s12517-014-1472-1

Lukiawan, R., Purwanto, H., Ayundyahrini, M., Penelitian, P., Standardisasi, P., & Nasional, B. S. (N.D.). *Standar Koreksi Geometrik Citra Satelit Resolusi Menengah Dan Manfaat Bagi Pengguna Standards of Geometric Correction Of Satellite Images Medium Resolution And Benefits For Users*.

Łyszkowicz, A., & Bernatowicz, A. (2018). Current State of Art of Satellite Altimetry. Annual of Navigation, 24(1), 31–47. https://doi.org/10.1515/aon-2017-0003

McAllister, E., Payo, A., Novellino, A., Dolphin, T., & Medina-Lopez, E. (2022). Multispectral satellite imagery and machine learning for the extraction of shoreline indicators. In Coastal Engineering (Vol. 174). Elsevier B.V. https://doi.org/10.1016/j.coastaleng.2022.104102

McFeeters, S.K., 1996. The Use of the Normalized Difference Water Index (NDWI) in the Delineation Of Open Water Features. Int. J. Rem. Sens. 17 (7), 1425–1432. https://doi.org/10.1080/01431169608948714 NDWI

Magdalena M.K., Bringfried P., Jerome L., Vincent D., Uwe M.W. and Ferran G., 2017. Sen2Cor for Sentinel-2, Proc. SPIE 10427, Image and Signal Processing for Remote Sensing XXIII, 1042704 https://doi.org/10.1117/12.2278218

Malik, A., & Abdalla, R. (2016). Geospatial modeling of the impact of sea level rise on coastal communities: application of Richmond, British Columbia, Canada. *Modeling Earth Systems and Environment*, *2*(3). https://doi.org/10.1007/s40808-016-0199-2

Matin, N., & Hasan, G. M. J. (2021). A quantitative analysis of shoreline changes along the coast of Bangladesh using remote sensing and GIS techniques. *Catena*, *201*. https://doi.org/10.1016/j.catena.2021.105185

Mather, P.M. (1987). Computer Processing of Remotely Sensed Data.

Maulud, K. N. A., & Rafar, R. M. (2015). Determination the impact of sea level rise to shoreline changes using GIS. *International Conference on Space Science and Communication, IconSpace*, *2015-September*, 352–357. https://doi.org/10.1109/IconSpace.2015.7283798

McGranahan, G., Balk, D. and Anderson, B. (2007) The Rising Tide: Assessing the Risks of Climate Change and Human Settlements in Low Elevation Coastal Zones. Environment and Urbanization, 19, 17-37. https://doi.org/10.1177/0956247807076960

Mimura, N., & Harasawa, H. (2000) Data Book of Sea-Level Rise 2000 (Japan: Environment Research, National Institute for Environmental Studies. Environmental Agency) p 280

Mishra, M., Chand, P., Pattnaik, N., Kattel, D. B., Panda, G. K., Mohanti, M., Baruah, U. D., Chandniha, S. K., Achary, S., & Mohanty, T. (2019). Response of long- to short-term changes of the Puri coastline of Odisha (India) to natural and anthropogenic factors: a remote sensing and statistical assessment. *Environmental Earth Sciences*, *78*(11). https://doi.org/10.1007/s12665-019-8336-7

Narayana, A.C., (2016). Encyclopedia of Estuaries: Shoreline Change. Springer Netherlands. https://doi.org/10.1007/978-94-017-8801-4

NASA (2005). National Aeronautics&Space Administration, warmest year in over a century, (http://www.nasa.gov/vision/earth/environment/2005warmest.html

Nassar, K., Mahmod, W. E., Fath, H., Masria, A., Nadaoka, K., & Negm, A. (2019). Shoreline change detection using DSAS technique: Case of North Sinai coast, Egypt. *Marine Georesources and Geotechnology*, *37*(1), 81–95. https://doi.org/10.1080/1064119X.2018.1448912

National Oceanic and Atmospheric Administration. (2020). Laboratory for satellite altimetry/sea level rise. Silver Spring: National Oceanic and Atmospheric Administration; [diakses 03 Mei 2025]. https://www.star.nesdis.noaa.gov/socd/lsa/SeaLevelRise.

Nicholls, R. J, & Leatherman, S. P., 1995. "Global sea-level rise" As climate changes: international impacts&implications. In Strzepek, K. M., &Smith, J. B., (eds.), Cambridge: Cambridge University Press, pp. 92–123

Novico, F., D. A. Siddik, Lufiandi, A. Albab, A. Mulia, D. Kusnida, R. A. Komarudin, D. Ranawijaya, I. Kamariah, C. Endyana, H. Bachtiar and Hendarmawan. (2021). Interdisciplinary Approach for Qualitatively Monitoring Coastline Dynamics in North Java Coast, Case study: Karawang Regency Indonesia. IOP Conf. Series: Earth and Environmental Science (944). doi:10.1088/1755-1315/944/1/012050

Oh, P. S., & Oh, S. J. (2011). What teachers of science need to know about models: An overview. In International Journal of Science Education (Vol. 33, Issue 8, pp. 1109–1130). https://doi.org/10.1080/09500693.2010.502191

Özelkan, E. (2020). Water Body Detection Analysis Using NDWI Indices Derived from Landsat-8 OLI. Polish Journal of Environmental Studies, 29(2), 1759–1769. https://doi.org/10.15244/pjoes/110447

Oppenheimer, M., B. C. Glavovic, J. Hinkel, R. van de Wal, A. K. Magnan, A. Abd-Elgawad, R. Cai. (2019). Sea Level Rise and Implications for Low-Lying Islands, Coasts and Communities. *IPCC 126. Special Report on the Ocean and Cryosphere in a Changing Climate*

Oyedotun, T. D. T., & Oyedotun, T. D. T. (n.d.). *Shoreline Geometry: DSAS as a Tool for Historical Trend Analysis*. http://woodshole.er.usgs.gov/project-

Panalaran, S., Tarigan, T. A., & Simarmata, N. (2018). Analysis Of Shoreline Changes on Krui Bay, West Coast of Lampung Province. In *Icositer 2018 Proceeding Journal of Science and Applicative Technology*. Http://Earthexplorer.Usgs.Gov/.

Parthasarathy, K. S. S., & Deka, P. C. (2021). Remote sensing and GIS application in assessment of coastal vulnerability and shoreline changes: a review. In *ISH Journal of Hydraulic Engineering* (Vol. 27, Issue S1, pp. 588–600). Taylor and Francis Ltd. https://doi.org/10.1080/09715010.2019.1603086

Pasaribu, R. P., Sewiko, R., & Arifin, A. (2022). Application of The Admiralty Method to Process Tidal Data in the Waters of The Nasik Strait - Bangka Belitung. *Jurnal Ilmiah PLATAX*, *10*(1), 146. Https://Doi.Org/10.35800/Jip.V10i1.39719

Payo, A., Hennen, M., Martinez, J., Monteys, X., Jaegler, T., Martin-Lauzer, F.-R., Jacobs, C., & Ellis, M. A. (2020). Monitoring Coastal Change from Space: what end users need and what is feasible. 213–228. https://doi.org/10.1680/cm.65147.213

Pemda Kabupaten Karawang. (2017). Profil Kabupaten Karawang (Karawang: Kantor Pemda Kabupaten Karawang

Peraturan Bupati Kawarang Nomor 35. (2021). Penetapan Rencana Strategis Perangkat Daerah Lingkup Kabupaten Karawang Tahun 2021-2026 (Dinas Lingkungan Hidup dan Kebersihan Kabupaten Karawang)

Pierson W.J., & Jr.; Mehr, E. (1972) Average Return Pulse Form and Bias for the S193 Radar Altimeter on Skylab as a Function of Wave Conditions. In The Use of Artificial Satellites for Geodesy; *American Geophysical Union (AGU)*: Washington, DC, USA pp. 217–226.

Pugh. (1987). Tides, Surges, and Mean Sea Level. California (USA): John Wiley & Sons Ltd

Ramadhan, M. (2011). Komperasi Hasil Pengamatan Pasang Surut di Perairan Pulau Pramuka dan Kebupaten Pati dengan Prediksi Pasang Surut Tide Tipe Driver. Jakarta Utara: Peneliti pada Pusat Penelitian dan Pengembangan Sumber Daya Pesisir dan Laut

Resti, A., Benveniste, J., Roca, M., Levrini, G., & Johannessen, J. (1999). The Envisat Radar Altimeter System (RA-2).

Richards, J. A. (1999). *Remote Sensing Digital Image Analysis*.

Rifqi, M., Bambang, W., Ali, M., Fitrina, N., & Yusli, W. (2020). Strategy to Gain Target of Shrimp Production in Karawang District Coastal Area. *AACL Bioflux*. Vol 13(5)

Romine, B. M., Fletcher, C. H., Barbee, M. M., Anderson, T. R., & Frazer, L. N. (2013). Are beach erosion rates and sea-level rise related in Hawaii? Global and Planetary Change, 108, 149–157. https://doi.org/10.1016/j.gloplacha.2013.06.009

Rwanga, S. and Ndambuki, J. (2017) Accuracy Assessment of Land Use/Land Cover Classification Using Remote Sensing and GIS. International Journal of Geosciences, 8, 611-622. doi: 10.4236/ijg.2017.84033.

Sachoemar S. I., (1994) Monitoring of Coastal Ecosystem Conditions by Analyzing Landsat Imagery and Field Case Study Data from the Karawang Coastal Area. Master thesis, Bogor Agricultural University

Saddam, M. H., Hossain, K. T., Dewidar, R. C., Salauddin, M., & Aziz, T. (2023a). Assessing the shoreline dynamics of Moheskhali Island in Bangladesh by

integrating GIS techniques and sea-level data. *Regional Studies in Marine Science*, *62*. https://doi.org/10.1016/j.rsma.2023.102941

Sánchez-Román, A., Pujol, M. I., Faugère, Y., & Pascual, A. (2023). DUACS DT2021 reprocessed altimetry improves sea level retrieval in the coastal band of the European seas. Ocean Science, 19(3), 793–809. https://doi.org/10.5194/os-19-793-2023

Santos, C. A. G., do Nascimento, G. R., Freitas, L. M. T., Batista, L. V., Zerouali, B., Mishra, M., & Silva, R. M. da. (2024). Coastal evolution and future projections in Conde County, Brazil: A multi-decadal assessment via remote sensing and sea-level rise scenarios. *Science of the Total Environment*, *915*. https://doi.org/10.1016/j.scitotenv.2023.169829

Schmidt G., Calli J., Jeffrey M., Eric V., and Feng G., 2013 Landsat Eosystem Dsturbance Aaptive Pocessing Sstem (LEDAPS) Agorithm Dscription, USGS Publications Warehouse.https://doi.org/10.3133/ofr20131057

Setiabudi, A. R., & Maryanto, T. I., (2018) Deteksi Perubahan Garis Pantai di Pesisir Kabupaten Karawang dengan Aplikasi Digital Shoreline Analysis System (DSAS). *Reka Geomatika* 2, 42 – 50 DOI: 10.26760/jrg.v2018i2.2629

Skidmore, A. K. (2002). Environmental Modelling with GIS and Remote Sensing. https://doi.org/https://doi.org/10.4324/9780203302217

Sukojo, B. M., & Mahmudi, A. R. (2018.). Studi Analisis Ketelitian Geometrik Citra Satelit Resolusi Tinggi Sebagai Peta Dasar Rencana Detail Tata Ruang Perindustrian (Studi Kasus: Kawasan Pt Sier Surabaya)

Sunder, S., Ramsankaran, R., & Ramakrishnan, B. (2017). Inter-comparison of Remote Sensing-Based Shoreline Mapping Techniques at Different Coastal Stretches of India. Environmental Monitoring and Assessment, 189(6). https://doi.org/10.1007/s10661-017-5996-1

Smith, Eric (2002). Encyclopedia of environmetrics. Vol. 2, E-L. Wiley

Suryani, N. 2020. Strategi Pengembangan dan Pengelolaan Wilayah Pesisir Berbasis Tipologi di Wilayah Kepesisiran Kabupaten Gunungkidul Yogyakarta. Jurnal Azimut: 1-8

Susandi, A., Indriani, H., Mamad, T., & Irma, N., (2008). Dampak Perubahan Iklim terhadap Ketinggian Muka laut di Wilayah Banjarmasin. Jurnal Ekonomi Lingkungan, 12(2)

Szabó, S., Gácsi, Z., & Balázs, B. (2016). Specific features of NDVI, NDWI and MNDWI as reflected in land cover categories. Landscape & Environment, 10(3–4), 194–202. https://doi.org/10.21120/le/10/3-4/13

Taburet, G., F. Mertz, J.-F. Legeais, 2024. C3S Sea Level vDT2021: Product User Guide and Specifications. Issue 1.5. E.U. Copernicus Climate Change Service. Document ref. WP2-FDDP-2022-09_C3S2-Lot3_PUGS-of-vDT2021-SeaLevel-products_v1.5

Toure, S., Diop, O., Kpalma, K., Maiga, A.S., 2019. Shoreline detection using optical remote sensing: a review. ISPRS Int. J. Geo-Inf. 8 (2) https://doi.org/10.3390/ijgi8020075

Triana, K., & Wahyudi, A. J. (2020). Sea level rise in Indonesia: The drivers and the combined impacts from land subsidence. ASEAN Journal on Science and Technology for Development, 37(3), 115–121. https://doi.org/10.29037/AJSTD.627

Triatmodjo, B. (1999). Teknik Pantai. Yogyakarta: Beta offset. Uddin, M. J., Niloy, M. N. R., Haque, M. N., & Fayshal, M. A. (2023). Assessing the shoreline dynamics on Kuakata, coastal area of Bangladesh: a GIS- and RS-based approach. *Arab Gulf Journal of Scientific Research*, *41*(3), 240–259. Https://Doi.Org/10.1108/Agjsr-07-2022-0114

Trisirisatayawong, I., M. Naeije, W. Simons, and L. Fenoglio-Marc. 2011. "Sea Level Change in the Gulf of Thailand from GPS-Corrected Tide Gauge Data and Multi-Satellite Altimetry." Global and Planetary Change 76 (3–4): 137–151. https://doi.org/10.1016/j.gloplacha.2010.12.010

Uddin, M. J., Niloy, M. N. R., Haque, M. N., & Fayshal, M. A. (2023). Assessing the shoreline dynamics on Kuakata, coastal area of Bangladesh: a GIS- and RS-based approach. Arab Gulf Journal of Scientific Research, 41(3), 240–259. https://doi.org/10.1108/AGJSR-07-2022-0114

Undang-Undang Republik Indonesia. 2011. Undang-Undang Republik Indonesia Nomor 4 Tahun 2011 tentang Informasi Geospasial

Uswatun Khasanah, I., Sophia Heliani, L., & Basith, A. (2016). Trends and Seasonal to Annual Sea Level Variations of North Java Sea Derived from Tide Gauges Data. Proceeding of the First International Conference on Technology, Innovation and Society, 308–316. https://doi.org/10.21063/ICTIS.2016.1049

Utami, W. S., Subardjo, P., & Helmi, M. (2017). *Studi Perubahan Garis Pantai Akibat Kenaikan Muka Air Laut Di Kecamatan Sayung, Kabupaten Demak* (Vol. 6, Issue 1). Http://Ejournal-S1.Undip.Ac.Id/Index.Php/Jose

Van der Valk, T., van Driel, J. H., & de Vos, W. (2007). Common characteristics of models in present-day scientific practice. Research in Science Education, 37, 469–488

Vermote, E., Justice, C., Claverie, M., and Franch, B., 2016. Preliminary Analysis of the Performance of the Landsat 8/OLI Land Surface Reflectance Product. Remote Sensing of Environment 185: 45-56 https://doi.org/10.1016/j.rse.2016.04.008

Whiteside, T. G., S. W. Maier, G. S. Bogss. (2014) Area-based and Location Based validation of classified image objects. International Journal of Applied Earth Observation and Geoinformation, v. 28, pp. 117–130

Wicaksono, A., Wicaksono, P., Khakhim, N., Farda, N. M., & Marfai, M. A. (2018). Tidal Correction Effects Analysis on Shoreline Mapping in Jepara Regency. Journal of Applied Geospatial Information, 2(2), 145–151. https://doi.org/10.30871/jagi.v2i2.981

Wicaksono, A., & Wicaksono, P. (2019). Akurasi geometri garis pantai hasil transformasi indeks air pada berbagai penutup lahan di Kabupaten Jepara. Majalah Geografi Indonesia, 33(1), 86. https://doi.org/10.22146/mgi.36948

Williams, L. L., & Lück-Vogel, M. (2020). Comparative assessment of the GIS based bathtub model and an enhanced bathtub model for coastal inundation. Journal of Coastal Conservation, 24(2). https://doi.org/10.1007/s11852-020-00735-x

Winarso GJ, and Budhiman S, 2001. The Potential Application Remote Sensing Data for Coastal Study. Paper presented at the 22nd Asian Conference on Remote Sensing, 5 - 9 November 2001, Singapore

Xu, H., 2006. Modification ff Normalized Difference Water Index (NDWI) to Enhance Open Water Features in Remotely Sensed Imagery. Int. J. Rem. Sens. 27 (14), 3025–3033.https://doi.org/10.1080/01431160600589179 MNDWI

Yadav, A., Dodamani, M., Dodamani, B. M., & Dwarakish, A. (2017). Shoreline Change: A Review. In *Proceedings: Vol. of*. https://www.researchgate.net/publication/331114464

Yang, L., Lin, L., Fan, L., Liu, N., Huang, L., Xu, Y., Mertikas, S. P., Jia, Y., & Lin, M. (2022). Satellite Altimetry: Achievements and Future Trends by a Scientometrics Analysis. In Remote Sensing (Vol. 14, Issue 14). MDPI. https://doi.org/10.3390/rs14143332

Yulianto, F., Suwarsono, Maulana, T., & Khomarudin, M. R. (2019). The dynamics of shoreline change analysis based on the integration of remote sensing and geographic information system (GIS) techniques in Pekalongan coastal area, Central Java, Indonesia. *Journal of Degraded and Mining Lands Management*, *6*(3), 1789–1802. https://doi.org/10.15243/jdmlm.2019.063.1789