

DAFTAR PUSTAKA

- Ahmed, N., & Glaser, M. (2016). Coastal Aquaculture, Mangrove Deforestation and Blue Carbon Emissions : Is REDD þ a Solution ? *Marine Policy*, 66, 58–66. <http://doi.org/10.1016/j.marpol.2016.01.011>
- Andana, E. K. (2015). Pengembangan Data Citra Satelit Landsat-8 Untuk Pemetaan Area Tanaman Hortikultura Vegetasi (Studi Kasus : Kabupaten Malang Dan Sekitarnya), 1–10.
- Ardiansyah, D. A., & Buchori, I. (2014). Pemanfaatan Citra Satelit Untuk Penentuan Lahan Kritis Mangrove Di Kecamatan Tugu, Kota Semarang. *Geoplanning*, 1(1), 1–12.
- Arhatin, R. E. (2007). *Metode Klasifikasi Mangrove Dari Data Satelit Landsat-5 TM dan Landsat-7 ETM + (Studi Kasus di Kabupaten Berau, Kalimantan Timur)*. Institut Pertanian Bogor.
- Aziz, A. A., Dargusch, P., Phinn, S., & Ward, A. (2015). Using REDD + to Balance Timber Production with Conservation Objectives in A Mangrove Forest in Malaysia. *Ecological Economics*, 120, 108–116. <http://doi.org/10.1016/j.ecolecon.2015.10.014>
- Barbier, E. B. (2016). The Protective Service of Mangrove Ecosystems : A Review of Valuation Methods Marine Pollution Bulletin Special Issue : “ Turning The Tide on Mangrove Loss .” *MPB*, 1–6. <http://doi.org/10.1016/j.marpolbul.2016.01.033>
- Bengen, D. G. (2001). Sinopsis Ekosistem dan Sumberdaya ALam Pesisir dan Laut.
- Bengen, D. G. (2010). Ekosistem dan Sumberdaya Pesisir dan Laut Serta Pengelolaan Secara Terpadu dan Berkelanjutan. In *Pengelolaan Wilayah Pesisir Terpadu*. Bogor: Pusat Kajian Sumberdaya Pesisir dan Lautan, Fakultas Perikanan dan Ilmu Kelautan. Institut Pertanian Bogor.
- BPS. (2016a). Kota Tarakan Dalam Angka Tahun 2016. Kota Tarakan: BPS Kota Tarakan.
- BPS. (2016b). PDRB Kota Tarakan Menurut Lapangan Usaha Tahun 2011-2015. Kota Tarakan: BPS Kota Tarakan.
- Brown, S. (2002). Measuring Carbon in Forests : Current Status and Future Challenges. *Environmental Pollution*, 116, 363–372.
- Brown, S., & Gaston, G. (1996). *Estimates of Biomass Density For Tropical Forests* (Vol. 1). U.S. Environmental Protection Agency.
- Central Agency of Statistic. (2014). Kota Tarakan Dalam Angka. Kota Tarakan: BPS Kota Tarakan.
- Chandra, P. J. (2011). Performance Evaluation of Vegetation Indices Using Remotely Sensed Data. *International Journal of Geomatics and Geosciences*, 2(1), 231–240.
- Clough, B. F., & Scott, K. (1989). Allometric Relationships for Estimating Above-Ground Biomass in Six Mangrove Species. *Forest Ecology and Management*, 27(463), 117–127.
- Collins, M., Eisma, D., Loudon, K. E., Milliman, J. D., Posamentier, H. W., & Watts, A. (2008). *Asia-Pacific Coast dan Their Management*. (N. Mimura, Ed.) (11th ed.). Netherland: Springer.
- Crippen, R. E. (1990). Calculating the Vegetation Index Faster. *Remote Sensing of Environment*, 73, 71–73.

- Dahuri, R. (2011). Strategi dan Program Pengelolaan Sumberdaya Pesisir dan Lautan Indonesia. In *Pelatih Pengelolaan Wilayah Pesisir Terpedu*. Jakarta: Direktur Jenderal Pesisir, Pantai dan Pulau-Pulau Kecil. Departemen Eksplorasi Laut dan Perikanan RI.
- Danielsen, F., Sørensen, M. K., Olwig, M. F., Selvam, V., Parish, F., Burgess, N. D., ... Quarto, A. (2005). The Asian Tsunami : A Protective Role for Coastal Vegetation, (October), 16002. Retrieved from www.sciencemag.org/cgi/content/full/310/5748/643/DC1
- Departemen kehutanan. (2005). Pedoman Inventarisasi dan Identifikasi Lahan Kritis Mangrove. Jakarta: Direktorat Jenderal Rehabilitasi Lahan dan Perhutanan Sosial.
- Dharmawan, I. W. E., & Pramudji. (2014). *Panduan Monitoring Status Ekosistem Mangrove*. Jakarta: Pusat Penelitian Oseanografi-LIPI.
- Donato, D. C., Kauffman, J. B., Murdiyarso, D., Kurnianto, S., Stidham, M., & Kanninen, M. (2011). Mangroves Among The Most Carbon-Rich Forests in The Tropics. *Nature Geoscience*, 4(4), 1–5. <http://doi.org/10.1038/ngeo1123>
- Epiphanyo, J. C. N., & Huete, A. R. (1995). Dependence of NDVI and SAVI on Sun / Sensor Geometry and Its Effect on fAPAR Relationships in Alfalfa. *Remote Sensing of Environment*, 4257.
- Fang, H., Xiao, Z., Qu, Y., & Song, J. (2012). *Leaf Area Index* (First Edit). Elsevier Inc. <http://doi.org/10.1016/B978-0-12-385954-9.00011-3>
- FAO of United Nations. (2007). The World's Mangroves 1980-2005. In *A Thematic Study Prepared in The Framework of The Global Forest Resources Assessment 2005*. Rome: FAO.
- Farda, N. M., & Khoiriah, I. F. (2012). Perbandingan Akurasi Klasifikasi Penutup Lahan Hasil Penggabungan Citra Alos Avnir-2 Dan Alos Palsar Pada Polarisasi Berbeda Dengan Transformasi Wavelet. *Jurnal Bumi Indonesia*, 1.
- Fawzi, N. I. (2013). Koreksi Radiometrik Landsat 8. Yogyakarta: Program Studi Kartografi dan Penginderaan Jauh, Universitas Gadjah Mada.
- Fei, S. X., Shan, C. U. I. H., & Hua, G. U. O. Z. (2011). Remote Sensing of Mangrove Wetlands Identification, 10, 2287–2293. <http://doi.org/10.1016/j.proenv.2011.09.357>
- Feka, Z. N. (2015). Ocean & Coastal Management Sustainable management of Mangrove Forests in West Africa : A New Policy Perspective ? *Ocean and Coastal Management*, 116, 341–352. <http://doi.org/10.1016/j.ocecoaman.2015.08.006>
- Firl, G. J., & Carter, L. (2011). Lesson 10 : Calculating Vegetation Indices from Landsat 5 TM and Landsat 7 ETM + Data. Colorado: Natural Resources Ecology Laboratory. Colorado State University.
- Gitelson, A. A., Kaufman, Y. J., & Merzlyak, M. N. (1994). Use of a Green Channel in Remote Sensing of Global Vegetation from EOS-MODIS. *Remote Sensing of Environment*, 4257(96).
- Gitelson, A. A., & Merzlyak, M. N. (1998). Remote Sensing of Chlorophyll Concentration in Higher Plant Leaves. Elsevier Science Ltd.
- Government of Tarakan City. (2012). RTRW Kota Tarakan 2012-2032.
- Harahab, N. (2009). The Influence Of Mangrove Ecosystem as Their Role For Catching Productivity. *Perikanan*, 100–106.
- Hartanto, E. F. (2013). Pengaruh Pemanfaatan Ekosistem Mangrove Dalam Meningkatkan Pendapatan Ekonomi Masyarakat. *Jurnal Ilmiah Pendidikan*

Geografi, 20–28.

- Hartono. (2005). *Penginderaan Jauh Dasar*. Yogyakarta.
- Heenkenda, M. K., Joyce, K. E., Maier, S. W., & Bartolo, R. (2014). Mangrove Species Identification: Comparing WorldView-2 with Aerial Photographs, 6064–6088. <http://doi.org/10.3390/rs6076064>
- Heenkenda, M. K., Joyce, K. E., Maier, S. W., & Bruin, S. De. (2015). Quantifying Mangrove Chlorophyll from High Spatial Resolution Imagery. *ISPRS Journal of Photogrammetry and Remote Sensing*, 108, 234–244. <http://doi.org/10.1016/j.isprsjprs.2015.08.003>
- Herwindya, A. Y. Y., & Susilo. (2014). Analisis Manfaat Mangrove dan Terumbu Karang Terhadap Lingkungan Pesisir Serta Implikasinya Pada Pendapatan Nelayan. *Ekonomi Manajemen Dan Akuntansi*, (36), 1–16.
- Huete, A. R. (1988). A Soil-Adjusted Vegetation Index (SAVI). *Remote Sensing of Environment*, 309, 295–309. <http://doi.org/00344257>
- Huete, A. R., Hua, G., Qi, J., Chehbouni, A., & Leeuwen, W. J. D. Van. (1992). Normalization of Multidirectional Red and NIR Reflectances with the SAVI. *Remote Sensing of Environment*, 54(1992), 143–154.
- Huete, A. R., Liu, H. Q., Batchily, K., & Leeuwen, W. Van. (1997). A Comparison of Vegetation Indices over a Global Set of TM Images for EOS-MODIS. *Remote Sensing of Environment*, 4257(Table 1).
- Ibharim, N. A., Mustapha, M. A., Lihan, T., & Mazlan, A. G. (2015). Mapping Mangrove Changes in the Matang Mangrove Forest Using Multi Temporal Satellite Imageries. *Ocean and Coastal Management*, 114, 64–76. <http://doi.org/10.1016/j.ocecoaman.2015.06.005>
- Jennerjahn, T. C., & Ittekkot, V. (2002). Relevance of Mangroves for the Production and Deposition of Organic Matter Along Tropical Continental Margins, (89), 22–30. <http://doi.org/10.1007/s00114-001-0283-x>
- Jia, M., Wang, Z., & Li, L. (2013). Mapping China's Mangroves Based on an Object-Oriented Classification of Landsat Imagery. <http://doi.org/10.1007/s13157-013-0449-2>
- Jiang, Z., Huete, A. R., Didan, K., & Miura, T. (2008). Remote Sensing of Environment Development of a two-band enhanced vegetation index without a blue band, 112, 3833–3845. <http://doi.org/10.1016/j.rse.2008.06.006>
- Jin, H., Li, A., Bian, J., Nan, X., Zhao, W., & Zhang, Z. (2016). Intercomparison and Validation of MODIS and GLASSLeaf Area Index (LAI) Products Over MountainAreas : A Case Study in Southwestern. *International Journal of Applied Earth Observations and Geoinformation*, 55, 52–67. <http://doi.org/10.1016/j.jag.2016.10.008>
- Kamal, M., Phinn, S., & Johansen, K. (2016). Remote Sensing of Environment Assessment of Multi-Resolution Image Data for Mangrove Leaf Area Index Mapping. *Remote Sensing of Environment*, 176, 242–254. <http://doi.org/10.1016/j.rse.2016.02.013>
- Kamaruzaman, J., & Kaswani, I. (2007). Imaging Spectrometry on Mangrove Species Identification and Mapping in Malaysia, 4(8), 118–126. Retrieved from <http://www.wseas.us/e-library/transactions/biology/2007/30-183.pdf>
- Kay, R., & Alder, J. (1999). *Coastal Planning and Management*. London: E & FN Spon, an Imprint of Routledge.
- Kepala Badan Informasi Geospasial. (2014). Peraturan Kepala Badan Informasi Geospasial No. 3 Tahun 2014 Tentang Pedoman Teknis Pengumpulan dan

- Pengolahan Data Geospasial Mangrove. Jakarta: Badan Informasi Geospasial.
- Khomsin. (2005). Studi Perencanaan Konservasi Kawasan Mangrove Sistem Informasi Geografis, (September), 14–15.
- Kirui, K. B., Kairo, J. G., Bosire, J., Viergever, K. M., Rudra, S., Huxham, M., & Briers, R. A. (2013). Ocean & Coastal Management Mapping of Mangrove Forest Land Cover Change Along the Kenya Coastline Using Landsat Imagery. *Ocean and Coastal Management*, 83, 19–24. <http://doi.org/10.1016/j.ocecoaman.2011.12.004>
- Kordi, K. M. G. H. (2012). *Ekosistem Mangrove: Potensi, Fungsi, dan Pengelolaan*. Jakarta: PT Rineka Cipta.
- Lanorte, A., Lasaponara, R., Lovallo, M., & Telesca, L. (2014). Analysis of SPOT / Vegetation Normalized Difference Vegetation Index (NDVI) Time Series to Characterize Vegetation Recovery After Fire Disturbance. *International Journal of Applied Earth Observations and Geoinformation*, 26, 441–446. <http://doi.org/10.1016/j.jag.2013.05.008>
- Liang, L., Di, L., Zhang, L., Deng, M., Qin, Z., Zhao, S., & Lin, H. (2015). Remote Sensing of Environment Estimation of Crop LAI Using Hyperspectral Vegetation Indices and A Hybrid Inversion Method. *Remote Sensing of Environment*, 165, 123–134. <http://doi.org/10.1016/j.rse.2015.04.032>
- Magdalena, E., Anggoro, S., & Purwanti, F. (2015). Analisis Kesesuaian Lahan Bagi Konservasi Mangrove di Desa Timbul Sloko Kecamatan Sayung, Demak. *Journal of Maquares*, 4, 139–147. Retrieved from <http://ejournal-s1.undip.ac.id/index.php/maquares>
- Manna, S., Mondal, P. P., Mukhopadhyay, Akhand, A., Hazra, S., & Mitra, D. (2013). Vegetation Cover Change Analysis from Multi-Temporal Satellite Data in Jharkhali Island, Sundarbans, India. *Indian Journal of Geo-Marine Sciences*, 42(June), 331–342.
- Marini, Y., Emiyati, Hawariyah, S., & Hartuti, M. (2014). Perbandingan Metode Klasifikasi Supervised Maximum Likelihood Dengan Klasifikasi Berbasis Objek Untuk Inventarisasi Lahan Tambak di Kabupaten Maros. *Deteksi Parameter Geobiofisik Dan Diseminasi Penginderaan Jauh*, 505–516.
- Matsushita, B., Yang, W., Chen, J., Onda, Y., & Qiu, G. (2007). Sensitivity of the Enhanced Vegetation Index (EVI) and Normalized Difference Vegetation Index (NDVI) to Topographic Effects: A Case Study in High-Density Cypress Forest. *Sensors*, 7, 2636–2651. <http://doi.org/10.3390/s7112636>
- Menteri Lingkungan Hidup. (2004). Keputusan Menteri Negara Lingkungan Hidup Nomor: 201 Tahun 2004 Tentang Kriteria Baku Dan Pedoman Penentuan Kerusakan Mangrove. Jakarta: Kementerian Lingkungan Hidup.
- Miramontes-Beltran, S., Alatorre, L. C., Sanchez-Carrilo, S., Medina, R. J., Torresolave, M. E., Bravo, L. C., ... Erick, S. (2016). Temporal Changes of NDVI for Qualitative Environmental Assessment of Mangroves : Shrimp Farming Impact on the Health Decline of the Arid Mangroves in the Gulf of California (1990 e 2010), 125, 98–109. <http://doi.org/10.1016/j.jaridenv.2015.10.010>
- Mockrin, M. H., Reed, S. E., Pejchar, L., & Salo, J. (2017). Balancing Housing Growth and Land Conservation : Conservation Development Preserves Private Lands Near Protected Areas. *Landscape and Urban Planning*, 157, 598–607. <http://doi.org/10.1016/j.landurbplan.2016.09.015>
- Motohka, T., Nasahara, K. N., Oguma, H., & Tsuchida, S. (2010). Applicability of

- Green-Red Vegetation Index for Remote Sensing of Vegetation Phenology. *Remote Sensing*, (1), 2369–2387. <http://doi.org/10.3390/rs2102369>
- Mroz, M., & Sobieraj, A. (2004). Comparison Of Several Vegetation Indices Calculated On The Basis Of A Seasonal Spot Xs Time Series , And Their Suitability For Land Cover, (7).
- NASA. (2010). Landsat 7 Science Data Users Handbook. South Dakota: National Aeronautics and Space Administration.
- Nascimento, W. R., Wal, P., Proisy, C., & Lucas, R. M. (2012). Mapping changes in the largest continuous Amazonian mangrove belt using object-based classification of multisensor satellite imagery, 1–11. <http://doi.org/10.1016/j.ecss.2012.10.005>
- Neinavaz, E., Darvishzadeh, R., Skidmore, A. K., & Groen, T. A. (2016). Measuring the Response of Canopy Emissivity Spectra to Leaf Area Index Variation Using Thermal Hyperspectral Data. *International Journal of Applied Earth Observations and Geoinformation*, 53, 40–47. <http://doi.org/10.1016/j.jag.2016.08.002>
- Nugraha, R. P. (2006). Pemanfaatan Data Landsat untuk Melihat Perubahan Luasan, Zonasi dan Kerapatan Mangrove Pada Daerah Delta Mahakam Kalimantan Timur. Bogor: Fakultas Perikanan dan Ilmu Kelautan. IPB.
- Nugroho, I., & Dahuri, R. (2004). *Pembangunan Wilayah: Perspektif Ekonomi, Sosial dan Lingkungan*. Jakarta: LP3ES.
- Ong, J. E., Gong, W. K., & Wong, C. H. (2004). Allometry and Partitioning of The Mangrove , Rhizophora Apiculata. *Forest Ecology and Management*, 188, 395–408. <http://doi.org/10.1016/j.foreco.2003.08.002>
- Owley, J., & Rissman, A. R. (2016). Trends in Private Land Conservation : Increasing Complexity , Shifting Conservation Purposes and Allowable Private Land Uses. *Land Use Policy*, 51, 76–84.
- Ozbakir, A., & Bannari, A. (2008). Performance of TDVI in Urban Land Use / Cover Classification For Quality of Place Measurement. *Photogrammetry, Remote Sensing and Spatial Information Sciences*, 3–6.
- PDAM. (2015). Profil PDAM Kota Tarakan Tahun 2014. Kota Tarakan: PDAM Kota Tarakan.
- Perdana, A. P. (2011). Identifikasi Mangrove dan Kerapatan Mangrove dari Data Penginderaan Jauh, 1–19.
- Prahasta, E. (2008). *Remote Sensing: Praktis Penginderaan Jauh dan Pengolahan Citra Dijital dengan Perangkat Lunak ER Mapper*. Bandung: Informatika Bandung.
- Purbo, A., Wibowo, A., Tobing, L. B., Widyaningtyas, N., Widayati, T., Bagiyo, R., ... Farid, M. (2016). *Perubahan Iklim, Perjanjian Paris, dan Nationally Determined Contribution*. Direktorat Jenderal Pengendalian Perubahan Iklim, Kementerian Lingkungan Hidup dan Kehutanan RI.
- Purnobasuki, H. (2006). Peranan Mangrove Dalam Mitigasi Perubahan Iklim. Surabaya. Retrieved from <https://www.researchgate.net/publication/236846495>
- Purwanto, A. D., Asriningrum, W., Winarso, G., & Parwati, E. (2014). *Analisis Sebaran Dan Kerapatan Mangrove Menggunakan Citra Landsat 8 Di Segara Anakan, Cilacap*. Bogor.
- Putranto, T. T., & Kusuma, K. I. (2009). Permasalahan Air Tanah Pada Daerah Urban, 30(1), 48–58.
- Rachmawani, D. (2007). *Kajian Pengelolaan Ekosistem Mangrove Secara*

- Berkelanjutan Kota Tarakan Kalimantan Timur*. IPB.
- Raharja, A. B., Widigdo, B., & Sutrisno, D. (2014). Study on the Potency of Mangrove Ecosystem in the Coastal Area of Gulf Pangpang, Banyuwangi, 3(April), 36–45.
- Rochana, E. (2001). Ekosistem Mangrove Dan Pengelolaannya, 1–11.
- Rondeaux, G., Steven, M., & Baret, F. (1996). Optimization of Soil-Adjusted Vegetation Indices. *Remote Sensing of Environment*, 107(August 1994), 95–107.
- Roujean, J., & Breon, F. (1995). Estimating PAR Absorbed by Vegetation from Bidirectional Reflectance Measurements, 384(August 1994), 375–384.
- Saefurahman, G. (2008). *Distribusi, Kerapatan Dan Perubahan Luas Vegetasi Mangrove Gugus Pulau Pari Kepulauan Seribu Menggunakan Citra Formosat 2 dan Landsat 7/ETM+*. IPB.
- Sari, Z. H. N. (2011). Studi Tentang Kerusakan Hutan Mangrove di Desa Lubuk Kertang Kecamatan Brandan Barat Kabupaten Langkat, 1–14.
- Saribanon, N., Rifqi, M. A., Hermansyah., Hariyanto., & Apriani, H. (2014). Konservasi Mangrove dan Bekantan: Upaya Pelestarian Keanekaragaman Hayati Kota Tarakan. *Lingkungan*.
- Saru, A. (2014). *Potensi Ekologis dan Pengelolaan Ekosistem Mangrove di Wilayah Pesisir*. Bogor: PT Penerbit IPB Press.
- Sawitri, R. (2012). *Strategi Pengelolaan Lingkungan Pada Ekosistem Mangrove di Sekitar Muara Sungai Bogowonto Kabupaten Kulonprogo*. UGM.
- Schöttker, O., Johst, K., Drechsler, M., & Wätzold, F. (2016). Land for Biodiversity Conservation — To Buy or Borrow? *Ecological Economics*, 129, 94–103. <http://doi.org/10.1016/j.ecolecon.2016.06.011>
- Schultz, M., Clevers, J. G. P. W., Carter, S., Verbesselt, J., Avitabile, V., Vu, H., & Herold, M. (2016). Performance of Vegetation Indices from Landsat Time Series in Deforestation Monitoring. *International Journal of Applied Earth Observations and Geoinformation*, 52(May 2012), 318–327. <http://doi.org/10.1016/j.jag.2016.06.020>
- Sitanggang, G. (2011). *Kajian Pemanfaatan Satelit Masa Depan : Sistem Penginderaan Jauh Satelit LDCM (Landsat-8)*. Bogor.
- Son, Y. B., Gardner, W. D., Richardson, M. J., Ishizaka, J., Ryu, J.-H., Kim, S.-H., & Lee, S. H. (2012). Tracing Offshore Low-Salinity Plumes in The Northeastern Gulf of Mexico During The Summer Season By Use of Multispectral Remote-Sensing Data. *Journal Oceanografi*, 68, 743–760. <http://doi.org/10.1007/s10872-012-0131-y>
- Soraya, D. et al. (2012). Perubahan Garis Pantai Akibat Kerusakan Hutan Mangrove di Kecamatan Blanakan dan Kecamatan Legonkulon, Kabupaten Subang, 3(4), 355–364.
- Supriatna, W., & Sukartono. (2002). Teknik Perbaikan Data Digital (Koreksi Dan Penajaman) Citra Satelit. Bogor: Pusat Penelitian dan Pengembangan Tanah dan AgroklimatPusat Penelitian dan Pengembangan Tanah dan Agroklimat.
- Sutanto. (2004). *Penginderaan Jauh Jilid 2*. Yogyakarta: Gadjah Mada University Press.
- Sutaryo, D. (2009). Penghitungan Biomassa: Sebuah Pengantar Untuk Studi Karbon dan Perdagangan Karbon. Bogor: Wetlands International Indonesia Programme.
- Suwarsono, Arief, M., Sulma, S., H, N. S., Sulyantoro, H., Setiawan, K. T., & Hidayat. (2011). Pengembangan Metode Penentuan Indeks Luas Daun Pada

- Penutup Lahan Hutan Dari Data Satelit Penginderaan Jauh SPOT-2. *Jurnal Penginderaan Jauh*, 8, 50–59.
- Syech, R., & Malik, U. (2013). Menentukan Nilai Reflektan dan Salinitas di Perairan Selat Malaka Menggunakan Data Liputan Citra Satelit FY-1D, 319–321.
- Tarigan, M. S. (2008). Sebaran dan Luas Hutan Mangrove di Wilayah Pesisir Teluk Pising Utara Pulau Kabaena Provinsi Sulawesi Tenggara, *I2(2)*, 108–112.
- Taurisanti, M. M. (2014). Perlakuan Akuntansi Karbon di Indonesia, *XVII(2)*, 83–107.
- Thornton, S. R., & Johnstone, R. W. (2015). Mangrove Rehabilitation in High Erosion Areas: Assessment Using Bioindicators. *Estuarine, Coastal and Shelf Science*, 165, 176–184. <http://doi.org/10.1016/j.ecss.2015.05.013>
- Triwahyuni, A. (2009). *Model Perubahan Garis Pantai Timur Tarakan, Kalimantan Timur*. IPB.
- United Nations. (1998). Kyoto Protocol to The United Nations Framework Convention On Climate Change. United Nations.
- USGS. (2015). *Landsat 8 (L8) Data Users Handbook* (Vol. 8). South Dakota.
- Vieira, S. A. (2008). Estimation of Biomass and Carbon Stocks: The Case of The Atlantic Forest. Retrieved from <http://www.biotaneotropica.org.br/v8n2/pt/abstract?point-of-view+bn00108022008>
- Villa, P., Mousivand, A., & Bresciani, M. (2014). Aquatic Vegetation Indices Assessment Through Radiative Transfer Modeling and Linear Mixture Simulation. *International Journal of Applied Earth Observations and Geoinformation*, 30, 113–127. <http://doi.org/10.1016/j.jag.2014.01.017>
- Wardhani, M. K. (2014). Analisis Kesesuaian Lahan Konservasi Hutan Mangrove di Pesisir Selatan Kabupaten Bangkalan. *Jurnal Kelautan*, 7(2), 65–69.
- Winarso, G., & Purwanto, A. D. (2014). Pendekatan Baru Indeks Kerusakan Mangrove Menggunakan Data Penginderaan Jauh. Bogor: Pusat Pemanfaatan Penginderaan Jauh, LAPAN.
- Yuniar, D. (2000). *Identifikasi Tipe-Tipe Mangrove dan Pemantauan Perubahan Luasan Mangrove Menggunakan Data Landsat-TM di Kawasan Mangrove Prapat Benoa-Bali*. IPB.