

Daftar pustaka

- Anugra, F., Umar, H., Toknok, B. (2014). Tingkat kerusakan Hutan Mangrove Pantai di Desa Malakosa Kecamatan Balinggi Kabupaten Parigi Moutong. *WARTA RIMBA*, 1(2), hal. 54-6.
- Ardili, E. R., Yani, E., Widyastuti, A. (2011). Deteksi Kerusakan Mangrove Dengan Menggunakan Agen Biomonitoring *Acanthus ilicifolius*. *Prosiding Seminar Nasional Hari Lingkungan Hidup*, 82-87.
- Arief, A. (2003). *Hutan Mangrove (Fungsi dan manfaatnya)*. Yogyakarta: Kanisius.
- Bengen, D., G. (1999). *Pengenalan dan Pengelolaan Ekosistem Mangrove*. Bogor: Pusat Kajian Sumberdaya Pesisir dan Lautan. Bogor: IPB.
- Bengen, D., G. (2002). *Ekosistem dan Sumberdaya Alam Pesisir dan Laut Serta Prinsip Pengelolaannya*. Pusat Kajian Sumberdaya Pesisir dan Lautan, Bogor: IPB.
- BIG (Badan Informasi Geospasial). (2014). Peraturan Kepala Badan Informasi Geospasial Nomor 3 Tahun 2014 Tentang Pedoman Teknis Pengumpulan Data Geospasial Mangrove.
- BROK (Balai Riset dan Observasi kelautan). (2004). *Laporan Riset Observasi dan Kajian Pemanfaatan Kawasan Konservasi Laut*. Perancak: BPOL.
- BROK (Balai Riset dan Observasi kelautan). (2009). *Laporan Riset Observasi dan Kajian Pemanfaatan Kawasan Konservasi Laut*. Perancak: BPOL.
- Chianucci, F., dan Cutini, A. (2012). Digital hemispherical photography for estimating forest canopy properties: current controversies and opportunities. *iForest- Biogeosciences and Forestry*, 5, hal. 290-295.
- Dahuri, M., J. Rais., S. P. Ginting., dan M. J. Sitepu. (2002). *Pengelolaan Sumber Daya Wilayah Pesisir Secara Terpadu*. Jakarta: PT. Pradnya Paramita.

Danoedoro, Projo. (2012). *Pengantar Penginderaan Jauh Digital*. Yogyakarta: Penerbit Andi.

Departemen Kehutanan. (2005). *Pedoman Inventarisasi dan Identifikasi Lahan Kritis Mangrove*. Jakarta: Direktorat Jendral Rehabilitasi Lahan dan Perhutanan Sosial.

Digital Globe. (2016). *Handbook*. Tersedia pada link: https://www.digitalglobe.com/downloads/Imagery_Support_Data_Documentatio.pdf diakses 28 juli 2016.

DKPK (Dinas Kelautan Perikanan dan Kehutanan). (2014). *Profil Dinas*. Pemerintah Kabupaten Jembrana. Negara

Donatoa, C. D., Kauffman B. J., Murdiyarsoc D., Kurniantoc S., Stidhamd M. dan Kanninene M. (2012). Mangrove adalah salah satu hutan terkaya karbon di kawasan tropis. *Brief*, 12, hal. 1-13.

Ellison, J. (2012). *Climate Change Vulnerability Assessment and Adaptation Planning for Mangrove Systems*. Washington, DC: World Wildlife Fund (WWF).

FAO (Food and Agricultural Organization of United Nations). (2007). *The World's Mangrove 1980-2005: A Thematic Study in The Framework of The Global Forest Assestment 2005*. Rome: Food and Agricultural Organization of United Nations.

Franklin, E. S. (2001). *Remote Sensing for Sustainable Forest Management*. USA: Lewis Publisher.

Giri, C., Pengra, B., Zhu, Z., Singh, A., dan Tieszen, L.L. (2007). Monitoring mangrove forest dynamics of the Sundarbans in Banladesh and India using multi-temporal satellite data from 1973 to 2000. *Estuarine, Coastal and Shelf Science*, 73, hal. 91-100.

- Giri, C., Ochieng, E., Tieszen L. L., Zhu, Z., Singh, A., dan Loveland, T., *et al.* (2010). Status and distribution of mangrove forest of the world using earth observation satellite data. *Global Ecology and Biogeography*: Blackwell, hal. 1-6.
- Hartoyo, G. Manjela Eko, *et al.* (2010). *Modul Pelatihan Sistem Informasi Geografis (SIG) Tingkat Dasar*. Bogor: Tropenbos International Indonesia Programme.
- Hence, J. (2010). NASA images reveal disappearing mangrove worldwide. diakses oleh ruslisan dari http://news.mongabay.com/2010/1201-hance_nasa_mangroves.html pada pukul 22.15 wib tanggal 29 september 2015.
- Hidayah, Z., (2011). Pemetaan Distribusi Ekosistem Mangrove di Wilayah Kota Surabaya dan Sidoarjo Memanfaatkan Citra Landsat TM-5. *Jurnal Ilmiah Perikanan dan Kelautan*, 3(1), hal. 7-12
- Hidayat, W. A., Hidayah, Z., dan Nugraha, W. A. (2009). Aplikasi Teknologi Sistem Informasi Geografis dan Penginderaan Jauh untuk Penentuan Kondisi dan Potensi Konservasi Ekosistem Hutan Mangrove di Kecamatan Kwanyar Kabupaten Bangkalan. *Jurnal Kelautan*, 4(2), hal. 1-8.
- Hoffer, M. R. (1984). *The Role of Terrestrial Vegetation in the Global Carbon Cycle: Measurement by Remote Sensing*. Indiana, USA: John Wiley & Sons Ltd.
- Huete, A. R., (1988). Soil Adjusted Vegetation Index (SAVI). *Remote Sensing of Environment*, 25, hal. 295-309.
- Huete, A. R., Didan, K., Miura, T., Rodriguez, E. P., Gao, X., Ferreira L. G. (2002). Overview of the radiometric and biophysical performance of the MODIS vegetation indices. *Remote Sensing of Environment*, 83, hal. 195-213.

- Jamalabad M. S., Abkar A. A. (2002). Forest Canopy Density monitoring, Using Satellite Images. *SCWMRI (Soil Conservation and Watershed Management Research Institute)*, 2, hal. 1344-1136.
- Jennings, B. S., Brown, D. N., Sheil, D. (1999). Assessing Forest canopies and Understorey Illumination: Canopy Closure, Canopy Cover and Other Measure. *Institute of Chartered Foresters*, 59-73.
- Jensen, R. J. (2005). *Introductory Digital Image Processing A Remote Sensing Perspective* (Third Edition). USA: Prentice Hall.
- Kamal, M. (2015a). Remote Sensing for Multi-scale Mangrove Mapping. *PhD Thesis*. Australia: University of Queensland.
- Kamal, M., Wicaksono, P., Anggara, W. D., dan Hafizt, M. (2015b). Pengaruh Resolusi Spasial Citra Penginderaan Jauh terhadap Estimasi *Leaf Area Index* Mangrove di Kepulauan Karimunjawa, Jawa Tengah. *Simposium Nasional Sains Informasi Geografis*, 4, hal. 678-685.
- Kamal, M., Phinn, S., Johansen, K., (2016). Assessment of multi-resolution image data for mangrove leaf area index mapping. *Remote Sensing of Environment*, 176, hal. 242-254.
- Kannan, T. (2014). Change Detection and Health Assessment Modelling of Pichavaram Mangroves by the Application of Remote Sensing And GIS. *International Conference on Advances in Civil Engineering and Chemistry of Innovative Materials (ACECIM'14)*, 4, hal. 61-68.
- Kannan, T. (2014). Health Assessment Modelling of Pichavaram Mangroves by the Application of Remote Sensing and GIS—A Tool for Evolving Climate Change Adaptation Strategies. *Green India Strategic Knowledge for Combating Climate*, hal. 98-110.
- Kartikasari, A. D., Sukojo, M. B., (2015). Analisis Persebaran Ekosistem Hutan Mangrove Menggunakan Citra LANDSAT-8 di Estuari Perancak Bali. *GEOID*, 11(1), hal 1-8

Keputusan Menteri Negara Lingkungan Hidup Nomor: 201 Tahun 2004 Tentang
Kriteria Baku dan Penentuan Kerusakan Mangrove.

Kordi, K. M. G. H. (2012). *Ekosistem Mangrove (Potensi, Fungsi, dan
Pengelolaan)*. Jakarta: Rineka Cipta.

Korhonen, L., Korhonen, T. K., Rautiainen, M., dan Stenberg, P., (2006).
Estimation of Forest Canopy Cover: a Comparison of Field Measurement
Techniques. *Silva Fennica*, 40(4), hal. 577–588.

Kuenzer, C., Bluemel, A., Gebhardt, S., Quoc V. T., dan Dech, S. (2011). Remote
Sensing of Mangrove Ecosystems. *Remote sensing*, 30, hal. 878-928.

Lewis, R. R. (2001). Mangrove Restoration - Costs and Benefits of Successful
Ecological Restoration. *Proceedings of the Mangrove Valuation Workshop,
Universiti Sains Malaysia*, hal. 1-18.

Lillesand, T. M. dan Kiefer, R.W. (1979). *Penginderaan Jauh Dan Interpretasi
Citra* (terj. Sutanto, dkk). Yogyakarta: Gadjah Mada University Press.

Lillesand, T. M., Kiefer, R.W., dan Chipman, W. J. (2004). *Remote Sensing and
Image Interpretation*. USA: John Wiley & Sons.

Lu, D., Mausel, P., Brondi'zio, E., dan Moran, E. (2003). Change detection
techniques. *International Journal of Remote Sensing*, 25(12), hal. 2365-2407.

McCoy, R. M. (2005). *Field Method in Remote Sensing*. New York: The Guilford
Press.

Paletto, A., dan Tosi, V. (2009). Forest canopy cover and canopy closure:
comparison of assessment techniques. *Springer*, 28, hal. 265–272.

Pathak, S., (2014). New Change Detection Techniques to monitor land cover
dynamics in mine environment. *Remote Sensing and Spatial Information
Sciences*, 11(8), hal. 875-879

Proisy, C., Rahmania, R., Viennois, G., Andayani, A., Baudel, S., Fahran, R., *et al.*
(2014). Monitoring changes on mangroves coasts using high resolution

satellite images. A case study in the Perancak estuary, Bali. Bali: *Biennial Conference of Pan Ocean Remote Sensing Conference (PORSEC)*, 12, hal. 1-7.

Rahmania, R., Proisy, C., Germain, O., Gaspar, P., Viennois., Prosperi, J., *et. al.* (2015). 13 Years of Changes in The Extent and Physiognomy of Mangroves After Shrimp Farming Abandonment, Bali. *IEEE*, 8, hal. 1-4.

Undang-Undang Republik Indonesia Nomor 5 Tahun 1990 tentang konservasi sumber daya alam hayati dan ekosistemnya.

Schuck, A., Paivinen R., Hytonen T., dan Pajari B. (2002). *Compilation of Forestry Terms and Definitions*. Finland: European Forest Institute Internal Report.

Setyawan, A. D., Winarmo, K., dan Purnama, C. P. (2003) Ekosistem Mangrove di Jawa. Kondisi Terkini. *B I O D I V E R S I T A S*, 4(2), hal. 133-145.

Susiana. (2011). Diversitas dan Kerapatan Mangrove, Gastropoda dan Bivalvia di Estuari Perancak, Bali. *Skripsi*. Makassar: Fakultas Ilmu Kelautan dan Perikanan: Universitas Hasanuddin.

Sutanto. (1986). *Penginderaan Jauh Jilid 1*. Yogyakarta: Gadjah Mada University Press.

Syafruddin, Y. S., Dasrizal, dan Farida. (2014). The Mapping of Mangrove Forest Damage in Mandah District of Indragiri Hilir in Riau Province. *Pendidikan Geografi*, 4(2), hal. 1-8.

Twilley, R. R., Rivera-Monroy, V. H., Chen, R., dan Botero, L. 1999, Adapting an ecological mangrove model to simulate trajectories in restoration ecology. *Marine Pollution Bulletin*, 37, hal. 404-419.

Verheyden, A., G. F., Thomaes, K., William De Genst, Hettiarachchi, S., dan Koedam, N. (2002). High resolution Vegetation data for Mangrove research as obtained from aerial photography. *Environment, Development and Sustainability*. 4, hal. 113–133.

- Waas, D. J. H., dan Nababan, B. (2010). Mapping and Index Vegetation Analyses of Mangrove in Saparua Island, Central Moluccas. *E-Jurnal Ilmu dan Teknologi Kelautan Tropis*, 2(1), hal. 50-58.
- Weiss, M., dan Baret, F. (2014). *CAN-EYE USER MANUAL*. France: INRA.
- Winarso, G., dan. Purwanto, A. D. (2014a). Pendekatan Baru Indeks Kerusakan Mangrove Menggunakan Data Penginderaan Jauh. *Seminar Nasional Penginderaan Jauh*, hal. 368-379.
- Winarso, G., Purwanto, A. D., dan Yuwono, M. D. (2014b). New Mangrove Indeks As Degradation/Health Indicator Using Remote Sensing Data : Segara Anakan dan Alas Purwo. *Biennial Conference of Pan Ocean Remote Sensing Conference (PORSEC)*, hal 309-316.