

DAFTAR PUSTAKA

- Aguayo, M., Wiegand, T., D. Azócar., Gerardo, W., Kerstin & E. Vega, Claudia. 2007. *Revealing the Driving Forces of Mid-Cities Urban Growth Patterns Using Spatial Modeling: a Case Study of Los Angeles, Chile. Ecology and Society*. 12. 10.5751/ES-01970-120113.
- Aguilar, M.A., Vicente, R., Aguilar, F.J., Fernández, A., & Saldaña, M.M. 2012. *Optimizing Object-Based Classification In Urban Environments Using Very High Resolution Geoeye-1 Imagery*. ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information
- Anil K. Jain, 1989. *Fundamental of Digital Image Processing*. Prentice-Hall International.
- Arhatin, R. 2010. *Pengenalan Penginderaan Jauh*. Modul Ajar. Bogor: Institut Pertanian Bogor
- Atwood, D., Small, D & Gens, R. 2012. *Improving PolSAR Land Cover Classification With Radiometric Correction of the Coherency Matrix*. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing. 5. 848-856. 10.1109/JSTARS.2012.2186791.
- Baatz, M., & Schape, A. 2000. *Multi-Resolution segmentation – An optimization approach for high quality multi-scale image segmentation*, In: Strobl, J., Blaschke, T., Griesebner, G. (Eds.), *Angewandte Geographische Informations Verarbeitung XII*. Wichmann-Verlag, Heidelberg, 12-23
- Baltsavias, E.P. 2004. *Object Extraction and Revision by Image Analysis using Existing Geodata and Knowledge : Current Status and Steps Towards Operational System*. ISPRS Journal of Photogrammetry and Remote Sensing : 129–151.
- Barber, D. G., & LeDrew, E. F. 1991. *SAR Sea Ice Discrimination Using Texture Statistics: A Multivariate Approach*. *Photogrammetric Engineering and Remote Sensing*, 57(4), 385-395.
- Beckman, J. A.1975. *Cummunications for Imaging Systems*. Chaoter 11 in *Manual of Remote Sensing Vol 1* (editor Reeves, R. G.). Amer. Soc. Of Photogrametry, Viurginia: pp. 589-609.

- Belgium, M., & L. Dragut. 2014. Comparing supervised and unsupervised multiresolution segmentation approaches for extracting buildings from very high resolution imagery. *ISPRS Journal of Photogrammetry and Remote Sensing* 96 (2014) 67–75
- Blaschke, T. 2010. *Object-based image analysis for remote sensing*. *ISPRS Journal of Photogrammetry and Remote Sensing*, 65(1), pp. 2–16.
- Briassoulis, H., & G. Lesvos. 2000. *Analysis of Land Use Change: Theoretical and Modeling Approaches*. The Web Book of Regional Science. Regional Research Institute. West Virginia University. Morgantown. WV. USA.
- Ekadinata A, Dewi S, Hadi D, Nugroho D, dan Johana F. 2008. *Sistem Informasi Geografis Untuk Pengelolaan Bentang Lahan Berbasis Sumber Daya Alam*, Buku 1, Bogor, Indonesia.
- Carleer, A., Debeir, O., & Wolf, E. 2005. *Assessment of Very High Spatial Resolution Satellite Image Segmentations*, *Photogrammetric Engineering and Remote Sensing* Vol.71: 1285-1294.
- Cazals, C., Rapinel, S., Frison, P-L., Bonis A., & Mercier G . 2016. *Mapping and Characterization of Hydrological Dynamics in A Coastal Marsh Using High Temporal Resolution Sentinel-1A Images*. *Remote Sensing*. 8(7): 570.
- Chavez, Jr, Pat. 1996. *Image-Based Atmospheric Corrections - Revisited and Improved*. *Photogrammetric Engineering and Remote Sensing*. 62. 1025-1036.
- Connors, R.W., & Harlow, C.A. 1980. *A Theoretical Comparison of Texture Algorithms*. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, 2, 204-222. <http://dx.doi.org/10.1109/TPAMI.1980.4767008>
- Danoedoro, P. 2012. *Pengantar Penginderaan Jauh Digital*. Penerbit Andi. Yogyakarta
- Daruati, D. 2008. *Penggunaan Citra Landsat 7ETM+ Untuk Kajian Penggunaan Lahan Das Cimanuk*. *Jurnal Limnotek*. Vol.XV: hal 40-50
- eCognition Developer. 2011. *eCognition Developer User Guide*. German : Trimble.
- Ekadinata, A., Dewi, S., & Hadi, D P. 2008. *Sistem Informasi Geografis dan Penginderaan Jauh Menggunakan ILWIS Open Source*.-

- Emiyati, Manoppo, A. K.S., & Hartuti, M. 2016. *Pemanfaatan Data Radar Sentinel 1 untuk Pemetaan Lahan Tambak di Kabupaten Gresik Jawa Timur*. Prosiding Sinas Inderaja 2016, Jakarta, Indonesia.
- ESA. 2013. *Sentinel-1 User Handbook*. Draft User Handbook. European Space Agency.
- ESA. 2015. *Sentinel-2 User Handbook*. ESA Standard Document User Handbook. European Space Agency.
- Feizizadeh, B., Jankowski, P., & Blaschke, T. 2013. *A Spatially Explicit Approach for Sensitivity and Uncertainty Analysis of GIS-Multicriteria Landslide Susceptibility Mapping*. 10.1553/giscience2013s157.
- Greiner, M., Labrecque, S., Garneau, M., & Tremblay, A. 2008. *Accuracy Assessment Method for Wetland Object-Based Classification*, Canadian Journal of Remote Sensing, Vol. 34, No. 2, 398-413.
- Hansen, J.E., R. Ruedy, M. Sato, M. Imhoff, W. Lawrence, D. Easterling, T. Peterson, & T. Karl, 2001: *A closer look at United States and global surface temperature change*. J. Geophys. Res., 106, 23947-23963, doi:10.1029/2001JD000354.
- Haralick, R. M., Shanmugan, K., & Dinstein I. 1973. *Textural Features for Image Segmentation*, IEEE Transactions on Systems, Man and Cybernetics, Vol. SMC-3 No. 6, 610-621.
- Hardi, A.H. 2008. *Studi Pemanfaatan Band yang Berbeda Pada InSAR (Interferometric Synthetic Aperture Radar)*. Laporan Tugas Akhir. Program Studi Teknik Geodesi dan Geomatika Fakultas Ilmu dan Teknologi Kebumihan Institut Teknologi Bandung. Bandung.
- Hurd, J. D., D. L. Civco, M. S. Gilmore, S. Prisloe, & E. H Wilson. 2006. *Tidal Wetland Classification from Landsat Imagery Using an Integrated Pixel-based Classification Approach*. *Proceeding*. 2006 ASPRS Annual Convention, Reno, NV
- Hurd, O & Frassetto, A & Zandt, G & Gilbert, H & Jones, Craig & J. Owens, T. (2006). *Deep Crustal Earthquakes and Repeating Earthquakes in the West-Central Sierra Nevada, Western USA*. AGU Fall Meeting Abstracts.

- Jain, A.K. (1989). *Fundamentals of Digital Image Processing*, International Edition. PrenticeHall, Inc
- Jia K, Xiangqin W, Xingfa G, Yunjun Y, Xianhong X, Bin L. 2014. *Land cover classification using Landsat 8 Operational Land Imager data in Beijing, China*. *Geocarto International*. 29: 941-951.
- Kamal, M., & Johansen, K. 2017. *Explicit area-based accuracy assessment for mangrove tree crown delineation using geographic objectbased image analysis (GEOBIA)*. *Proceedings of SPIE Vol. 10428 104280I-1*
- Kampouraki, M., Wood, G., & Brewer, T.R. 2007. *The Suitability of Object-Based Image Segmentation to Replace Manual Aerial Photo Interpretation for Mapping Impermeable Land Cover*. Newcastle. Annual Conference 2007 Remote Sensing and Photogrammetry Society (RSPSoc).
- Karsidi A. 2004. *Menata Ruang Laut Terpadu*. Pradnya Paramita. Jakarta.
- Kupkova, L., Potuckova, M., Kopalova, I., & Kolar, J. 2010. *Object Based Image Analysis for Urbanized Areas, Regional Office of South Bohemia Ceske Budejovice*. Holland.
- Kusman, A. 2008. *Studi Deformasi Gunung Api Batur dengan Menggunakan Teknologi SAR Interferometri (InSAR)*. *Laporan Tugas Akhir*. Program Studi Teknik Geodesi dan Geomatika Fakultas Ilmu dan Teknologi Kebumihan Institut Teknologi Bandung. Bandung
- Lambin, E.F., Geist, H.J. & Lepers, E. 2003. *Dynamics of Land-Use and Land-Cover Change Tropical Regions*. *Annual Review of Environment and Resources*, 28, 205-241.
- Lennartz, S.P., & Congalton, R.G. 2004. *Classifying and mapping forest cover types using Ikonos imagery in the northeastern United States*, *Proceedings of the ASPRS Annual Conference*, Denver, Colorado, American Society for Photogrammetry and Remote Sensing, Bethesda, Maryland.
- Liu, D., F. Xia. 2010. *Assessing object-based classification: advantages and limitations*. *Remote Sensing Letters*, 1:4, 187-194,
DOI: 10.1080/ 01431161003743173
- Lo, C.P 1996. *Penginderaan Jauh Terapan*. Terjemahan Bambang Purbowaseso. Jakarta: UI-PRESS.

- Manakos, I., Schneider, T., & Ammer, U. 2000. *A comparison between the ISODATA and the eCognition classification methods on basic of field data.* IAPRS ,33, 133-139.
- Marpu, P.R., 2009. *Geographic object-based image analysis. Thesis (PhD).* The Faculty of Geosciences, Geo-Engineering and Mining of the Technische Universitat Bergakademie, Freiberg, Germany.
- Mather, P.M., 1987. *Computer Processing of Remotely-Sensed Images. An Introduction*, 1st Edition, Wiley, Chichester *Modeling Approaches*, The Weeb Book of Regional Science.
- Mori, M., Hirose, Y., Akamatsu, Y., & Li., Y. 2004. *Object-based classification of IKONOS data for rural land use mapping.* Proceedings of XXth ISPRS Congress 35: 1682-1750.
- Otukei, J., & Emanuel, M. 2015. *Estimation and mapping of above ground biomass and carbon of Bwindi impenetrable National Park using ALOS PALSAR data.* South African Journal of Geomatics. 4. 10.4314/sajg.v4i1.1.
- Patandean, A. J. 2005. *Fisika Lingkungan.* Makassar. Tim Penerbit UNM
- Peijun, L. 2011. *A Multilevel hierarchical Image Segmentation Method For Urban Impervious Surface Mapping Using Very High Resolution Imagery*, IEEE Journal Of Selected Topics in Applied Earth Observation and Remote Sensing, Vol. 4 No. 1 103-116.
- Putra, P.A., Prasetyo, Y., & Haniah. 2015. *Klasifikasi Tutupan Vegetasi Menggunakan Metode Dekomposisi Polarimetrik.* Jurnal Geodesi Undip
- Putri, D.R., Sukmono, A., Sudarsono, B. 2017. *Analisis Kombinasi Citra Sentinel-1A dan Citra Sentinel-2A Untuk Klasifikasi Tutupan Lahan (Studi Kasus: Kabupaten Demak, Jawa Tengah).* Jurnal Geodesi Undip. 7(2): 85-96.
- Radoux, J., & Defourny, P. 2007. *A quantitative assessment of boundaries in automated forest stand delineation using very high resolution imagery.* Remote Sensing of Environment, 110(4), 468-475.
- Running, S.W. 2008. *Climate change: ecosystem disturbance, carbon, and climate.* Science. 321: 652-653.
- Sampurno, M. R., & Thoriq, A. 2016. *Klasifikasi Tutupan Lahan Menggunakan Citra Landsat 8 Operational Land Imager (OLI) di Kabupaten Sumedang.*

- Sarjani, F., Sumantyo, J.T.A., & Yohandri. 2017. *Pengolahan Citra Satelit Alos Palsar Menggunakan Metode Polarimetri untuk Klasifikais Lahan Wilayah Kota Padang*. Eksakta Vol. 18 No. Jurnal Teknotan, 10(2), 61-70.
- Sarker, Md. L. R., Nichol, J., Iz, H. B., Ahmad, B.B., & Rahman, A.A. 2013. *Forest Biomass Estimation Using Texture Measurements of High-Resolution Dual-Polarization C-Band SAR Data*. IEEE Transactions On Geoscience and Remote Sensing, Vol. 51, No. 6,p.3371-3384 Juni 2013.
- Schirokauer, D., Yu, Q., Gong, P., Clinton, N., Biging, G., Kelly, M. 2006. *Object Based DetailedVegetation Classification with Airborne High Spatial Resolution Remote Sensing Imagery*. Berkeley. PERS
- Septiana B, Wijaya AP, Suprayogi A. 2017. *Analisis perbandingan hasil orthorektifikasi metode range doppler terrain correction dan metode SAR simulation terrain correction menggunakan data SAR Sentinel – 1*. J Geodesi Undip. 6(1): 148-157.
- SNI 7645-1-2014. 2014. *Klasfikasi Penutup Lahan – Bagian 1 Skala Kecil dan Menengah*. Jakarta: BSN
- Supriatna, W., & Sukartono. 2002. *Teknik perbaikan data digital (koreksi dan penajaman) citra satelit*. Buletin Teknik Pertanian. 7(1).
- Suwargana, N. 2013. *Resolusi Spasial, Temporal Dan Spektral Pada Citra Satelit Landsat, Spot dan Ikonos*. Jurnal ilmiah WIDYA Volume 1 Nomor 2 Juli-Agustus 2013
- Supriatna, W. & Sukartono. 2002. *Teknik Perbaikan Data Digital (Koreksi dan Penajaman) Citra Satelit*. Buletin Teknik Pertanian Vol. 7 No. 1.
- Susanto, A., Trisakti, B., dan Arimurthy A. M. 2014. *Perbandingan Klasifikasi Berbasis Obyek dan Klasifikasi Berbasis Pikel Pada Data Citra Satelit Synthetic Aperture Radar Untuk Pemetaan Lahan*. Jurnal Penginderaan Jauh dan Pengolahan Citra Digital, 11(1), 63-75.
- Sutanto. 1987. *Penginderaan jauh Jilid 2*. Yogyakarta : Gadjah Mada University Press.
- Sutanto. 1994. *Penginderaan Jauh*. Gadjah Mada University Press. P.O.Box 14 Bulaksumur, Yogyakarta.

- Stehman, S.V. 1996. *Estimating the Kappa Coefficient and Its Variance Under Stratified Random Sampling*. Photogrammetric Engineering & Remote Sensing, Vol.62, No.4, April 1996, pp: 401 – 477.
- Syarif, A.M., (2017). Geospatial Object Based Image Analysis Foto Udara Format Kecil Untuk Klasifikasi Penutup Lahan Skala Detil. Yogyakarta: Universitas Gadjah Mada
- Weszka, J., Dyer, C., & Rosenfeld, A. 1976. *A Comparative Study of Texture Measure for Terrain Classification*. IEEE transaction on Systems, Man, and Cybernetics, SMC6:269-285.
- Wu, Z., Yi, L., & Zhang, G. 2010. *Object-oriented Remote Sensed Image Classification Accuracy Assesment*. Accuracy 2010 Symposium, July 20-23, Leicester, UK
- Zan, Q. 2003. *A Hierarchical Object-Based Approach for Urban Land-Use Classification from Remote Sensing Data*, ITC Dissertation No.103