

DAFTAR PUSTAKA

- Aber J. S., I. Marzolff, J.B. Ries. 2010. *Small-Format Aerial Photography: Principles, Techniques and Geoscience Application*. The Netherlands: Elsevier.
- Ahmad, A., K.A. Hashim, A.M. Samad. 2010. Aerial Mapping using High Resolution Digital Camera and Unmanned Aerial Vehicle for Geographical Information System. *6th International Colloquium on Signal Processing & Its Applications (CSPA)*
- Anderson, J.R., E.E. Hardy, J.T. Roach, and R.E. Witmer, 1976. *A land use and land cover classification system for use with remote sensor data*. U.S. Geological Survey Professional Paper 964, 28 pp.
- Aplin, P., Atkinson, P.M., Curran, P.J. 1999. Fine Spatial Resolution Simulated Satellite Sensor Imagery for Land Cover Mapping in the United Kingdom. *Remote Sens. Environ.* 68:206-216.
- Baatz, M., Schaape, A., 2000. Multiresolution 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, Karlsruhe, pp. 12– 23*
- Bauer T., K. Steinnocher. 2001. Per-Parcel Land Use Classification In Urban Areas Applying A Rule-Based Technique. *GeoBIT/GIS, No 6* p24-27
- Belgiu, M. dan 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
- Benz ,U.C, P. Hofmann, G. Willhauck, I. Lingenfelder, M. Heynen. 2004. Multi-resolution, Object-oriented Fuzzy Analysis of Remote Sensing Data for GIS-ready Information. *ISPRS Journal of Photogrammetry & Remote Sensing* 58 (2004) pp 239– 258
- BSN (Badan Standardisasi Nasional).2010. *Klasifikasi Penutup Lahan SNI 7645:2010*. Jakarta: Badan Standardisasi Nasional.
- Bins, L.S., L.M. Fonseca., G.J., Erthal, dan F.M. Li, 1996. Satellite Imagery Segmentation : a Region Growing Approach, *Proceeding of VIII Brazilian Symposium on Remote Sensing*. Salvador, Bahia, hal. 677-680.
- Blaschke, T. 2010. Object based image analysis for remote sensing. *ISPRS Journal of Photogrammetry and Remote Sensing* -65,. 2-16
- Blaschke, T., G.J. Hay., M. Kelly, S. Lang, P. Hofmann, E. Addink, R.Q. Feitosa, F. van der Meer, H. van der Werff, F. van Coillie, C. Tiede. 2014. Geographic Object-Based Image Analysis – Towards a new paradigm.

ISPRS Journal of Photogrammetry and Remote Sensing 87 (2014) 180–191

- Caprioli, M dan Tarantino, E. 2001. Accuracy Assessment of Per-field Classification Integrating Very Fine Spatial Resolution Satellite Imagery with Topographic Data. *Jurnal of Geospatial Engineering*, Vol.3, No 2 (December 2001),hal 127-134.
- Castilla, G. dan G.J. Hay. 2008. Image Objects and Geographic Objects. dalam Blaschke,T , Lang,S dan Hay, G.J (Editor.) *Object-Based Image Analysis :Spatial Concepts for Knowledge-Driven Remote Sensing Applications* (hal 91-110). New York : Springer.
- Clinton, N., A. Holt, J.Scarborough, L. Yan, P. Gong. 2010. Accuracy Assessment Measures For Object-Based Image Segmentation Goodness. *Photogrammetric Eng. Remote Sens.* 76, 289–299.
- Colomina, I dan P. Molina.2014. Unmanned aerial systems for photogrammetry and remote sensing: A review. *ISPRS Journal of Photogrammetry and Remote Sensing* 92 (2014) 79–97
- Congalton, R., and K. Green. 2008. *Assessing the Accuracy of Remotely Sensed Data: Principles and Practices*. Boca Raton, Florida : CRC/ Lewis Publishers.
- Conrad, C., S. Fritsch, J. Zeidler, G. Rucker, S. Dech. 2010. Per-Field Irrigated Crop Classification in Arid Central Asia Using SPOT and ASTER Data. *Remote Sensing*. 2010, 2, 1035-1056; doi:10.3390/rs2041035
- Danoedoro, P. 2004. Informasi Penggunaan Lahan Multidimensional : Menuju Sistem Klasifikasi Perencanaan Penggunaan Lahan Multiguna untuk Perencanaan Wilayah dan Pemodelan Lingkungan, dalam *Sains Informasi Geografis : Dari Perolehan dan Analisis Citra Hingga Pemetaan dan Pemodelan Spasial*, Danoedoro (Editor). Yogyakarta : Jurusan Kartografi dan Penginderaan Jauh Fakultas Geografi Universitas Gadjah Mada, hal. 71-90.
- Danoedoro, P. 2009. *Land-Use Information From The Satellite Imagery : Versatility and Contets for Local Physical Planning*. Saarbrucken : Lambert Academic Publishing.
- Danoedoro, P. 2012. *Pengantar Penginderaan Jauh Digital*. Yogyakarta: Penerbit Andi.
- Dean, A. dan G. Smith. 2003. An evaluation of per-parcel land cover mapping using maximum likelihood class probabilities. *International Journal of Remote Sensing*, 24,pp. 2905–2920.
- Elhadi E.M., and Zomrawi, N. 2009. Object-based land use/cover extraction from QuickBird image using Decision tree. *Nature and Science*, 2009;7(10).

- Gonzales, R., dan R. Woods. 2002. *Digital Image Processing Second Edition*. New Jersey : Prentice Hall
- Gruber, M., dan Wiechert, A. 2010. Ten Years Large Format Digital Aerial Cameras, A Review. ASPRS Annual Conference San Diego California, April, 26-30 2010
- Handayani, B. 2013. Pemanfaatan Foto Udara Format Kecil Untuk Ekstraksi Digital Elevation Model (DEM), Pemodelan Genangan Dan Perkiraan Kerugian Akibat Tsunami Di Wilayah Pesisir Parangtritis. *Tesis*. Universitas Gadjah Mada.
- Haralick, R.M., K. Shanmugam dan I. Dinstein. 1973. Textural Features for Image Classification. *IEEE Transactions on Systems, Man and Cybernetics Vol. SMC-3, No.6, November 1973, pp. 610-621*
- Hay, G.J., dan G. Castilla, 2006. Object-based Image Analysis : Strengths, Weakness, Opportunities and Threats (SWOT). *The International Archives of The Photogrammetry, Remote Sensing and Spatial Informations Sciences* Vol. XXXVII, Bagian B7, hal. 1159-1163, Beijing.
- Hay, G.J., dan G. Castilla, 2008. Geographic Object-Based Image Analysis (GEOBIA) : A new name for a new discipline dalam Blaschke, T., Lang, S dan Hay, G.J (Editor.) *Object-Based Image Analysis : Spatial Concepts for Knowledge-Driven Remote Sensing Applications (hal 3-27)*. New York : Springer.
- Hussein, S. 2013a. Object Based Image Analysis (OBIA) for Land Cover Mapping in a Heterogeneous Landscape : A Comparison of Sample Based and Rule Based Classification. *Paper*. Asian Conferences of Remote Sensing. Bali: 20-24 Oktober 2013.
- Hussein, S. 2013b. Kajian Akurasi Klasifikasi Berbasis Objek Untuk Ekstraksi Penutup Lahan Dengan Menggunakan Citra ALOS AVNIR-2. *Skripsi*. Universitas Gadjah Mada
- Hussein, S. dan Werdiningsih.. 2015. Pemanfaatan Citra Hasil Unduhan Google Earth untuk Monitoring Penutup Lahan Kawasan Gumuk Pasir Parangtritis menggunakan Object Based Image Analysis. Seminar Nasional Pengelolaan Pesisir dan Daerah Aliran Sungai. Yogyakarta, 9 April 2015.
- Jacobsen, K. 2007. Comparison of Large Size Digital Airborne Frame Cameras with Analogue Film Cameras dalam M.A. Gomarsca (Ed). *Geoinformation in Europe*. Netherlands: Millpress.
- Janssen, L.L.F. dan Molenaar, M. 1995. Terrain Objects, Their Dynamics and Their Monitoring by the Integration of GIS and Remote Sensing. *IEEE Transactions on Geoscience and Remote Sensing, Vol. 33, No. 3, May 1995*.

- Jensen, J.R., 1986. *Introductory Digital Image Processing : A Remote Sensing Perspective*. Englewood Cliff New Jersey : Prentice-Hall.
- Jia, Y. 2015. Object-based Land Cover Classification with Orthophoto and LIDAR Data. *Master Thesis*. School of Architecture and the Built Environment, Royal Institute of Technology (KTH). Stockholm, Sweden
- Kulkarni, A. 2012. An Object-Based Image Analysis Approach For Detecting Urban Impervious Surfaces. *PhD Thesis*. Louisiana State University and Agricultural and Mechanical College
- Lang, S. dan Blaschke, T. 2006. Bridging Remote Sensing and GIS - What are the Main Supportive Pillar?. 1st Conference of Geobia.
- Lang, S. 2008. Object Based Image Analysis for Remote Sensing Application : Modelling Reality, Dealing with Complexity dalam Blaschke, T, Lang, S dan Hay, G.J (Editor.) *Object-Based Image Analysis : Spatial Concepts for Knowledge-Driven Remote Sensing Applications (hal 3-27)*. New York : Springer.
- Kementerian Pekerjaan Umum. 2011. *Peraturan Menteri Pekerjaan Umum No. 20/PRT/M/2011 tentang Pedoman Penyusunan Rencana Detil Tata Ruang (RDTR)*.
- Laliberte, A.S., A. Rango., E.L. Fredrickson. 2006. Separating Green and Senescent Vegetation in Very High Resolution Photography Using an Intensity-Hue-Saturation Transformation and Object Based Classification. *ASPRS Annual Conference, Reno, Nevada, May, 1-5, 2006*.
- Laliberte, A.S., E.L. Fredrickson, dan A. Rango. 2007. Combining Decision Trees with Hierarchical Object-oriented Image Analysis for Mapping Arid Rangelands. *Photogrammetric Engineering & Remote Sensing Vol. 73, No. 2, February 2007, pp. 197-207*.
- Laliberte, A.S., J. Koppa, E.L. Fredrickson, dan A. Rango. 2007. Comparison of Nearest Neighbor and Rule-based Decision Tree Classification in an Object-oriented Environment. diunduh pada tanggal 6 Oktober 2012, dari <http://naldc.nal.usda.gov/download/44074/PDF>
- Lewinski, St dan Z. Bochenek. 2008. Rule-based Classification of SPOT Imagery Using Object-oriented Approach for Detailed Land Cover Mapping. *Proceedings of the 28th EARSeL Symposium Remote Sensing for a Changing Europe*, 2-5 June 2008, Istanbul, Turkey.
- Li, X., dan G. Shao, 2013. Object-based urban vegetation mapping with high-resolution aerial photography as a single data source. *International Jurnal Remote Sens. 34 (3), 771-789*.
- Li, X., S.W. Myint, Y. Zhang, C. Galletti, X. Zhang. B.L. Turner. 2014. Object-Based Land-Cover Classification For Metropolitan Phoenix, Arizona,

- Using Aerial Photography. *International Journal of Applied Earth Observation and Geoinformation* 33 (2014) 321–330
- Lindgren, D.T. 1985. *Land Use Planning and Remote Sensing*. Dordrecht: Martinus Nijhoff Pubhers.
- Liu, D., F. Xia. 2010. Assessing object-based classification: advantages and limitations. *Remote Sensing Letters*, 1:4, 187-194, DOI:10.1080/01431161003743173
- Lillesand, T.M. dan R.W. Kiefer. 2004. *Remote Sensing and Image Interpretation: Fifth Edition*. Kundli : John Wiley and Sons.
- Lindgren, D.T. 1985. *Land Use Planning and Remote Sensing*. Dordrecht: Martinus Nijhoff Pubhers.
- Lo, CP. 1986. *Applied Remote Sensing*. London: Longman Inc.
- Malingreau J.P. dan R. Christiani. 1981. A Land cover and Land Use Classification for Indonesias. *The International Journal of Geography*. 11 (41), 13-47.
- Matinfar, H.R., F.S.K. Sarmadian, Alavi Panah, R.J. Heck. 2007. “Comparisons of object oriented and pixel based classification of land use/land cover types based on Landsat7, Etm+ spectral bands”. *American-Eurasian Journal of Agriculture and Environmental Science*, 2(4), 448-456.
- Mauer, C. 2009. Measurement of the spectral response of digital cameras with a set of interference filters. *M.Sc Thesis*. University of Applied Sciences Cologne
- Modi, M., Kumar, R., Shankar, G.R.,Martha, Tapas. 2014. Land Cover Change Detection Using Object-Based Classification Technique: A Case Study Along The Kosi River, Bihar. *The International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences*, Volume XL-8, 2014
- Moller, M., L. Lymburner , M. Volk. 2007. The Comparison Index: A Tool For Assessing The Accuracy Of Image Segmentation. *International Journal of Applied Earth Observation and Geoinformation* 9 (2007) 311–321
- Myint, S.W., P. Gober, A. Brazel, S. Grossman-Clark, Q. Weng,. 2011. Per-pixel vs.object-based classification of urban land cover extraction using high spatial resolution imagery. *Remote Sens. Environ.* 115 (5), 1145–1161.
- Meinel, G dan M. Neubert, 2004. A Comparison of Segmentation Programs for High Resolution Remote Sensing Data. *International Archives of Photogrammetry and Remote Sensing*, Vol XXXV, hal 1097-1105.
- Navulur, K. 2007. “*Multispectral Image Analysis Using The Object-Oriented Paradigm*”. Boca Raton : CRC Press, Taylor and Francis Group.

- Neumann, K.J. 2008. Trends For Digital Aerial Mapping Cameras. *International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences*, vol. XXXVII Part B1, pp. 551–554
- Pemerintah Republik Indonesia. 2007. *Undang-Undang Republik Indonesia Nomor 26 Tahun 2007 Tentang Penataan Ruang*.
- Pemerintah Republik Indonesia. 2013. *Peraturan Pemerintah Republik Indonesia No 8 tahun 2013 Tentang Ketelitian Peta Rencana Tata Ruang*.
- Pemerintah Republik Indonesia. 2013. *Peraturan Pemerintah No 15 tahun 2010 tentang Penyelenggaraan Penataan Ruang*.
- Petrie, G. 2003. Airborne Digital Frame Cameras: The Technology is Really Improving!. *Geoinformatics*, September/Oktober 2003.
- Petrie, G. 2005. Airborne Pushbroom Line Scan : An Alternative to Digital Frame Cameras. *Geoinformatics*, Januari/Februari 2005..
- Petrie, G. 2010. New Large-Format Airborne Digital Frame Cameras: The Intergraph DMC II Camera Range. *Geoinformatics*, Volume 13, Juli/Agustus 2010..
- Pu, R., S. Landry, Q.Yu. 2011. Object-Based Urban Detailed Land Cover Classification With High Spatial Resolution IKONOS Imagery. *International Journal of Remote Sensing Vol. 32, No. 12, 20 June 2011*, 3285–3308.
- O'Neil-Dunne, J., Pelletier, K., MacFaden, dan S., Troy, A. 2009. Object-Based High-Resolution Land-Cover Mapping: Operational Considerations. *17th International Conference on Geoinformatics, 12-14 Agustus 2009. DOI: 10.1109/GEOINFORMATICS.2009.5293435*
- Richards, J.A. 1995. *Remote Sensing Digital Image Analysis : An Introduction*. New York: Springer.
- Rosaji, F.S.C., W. Handayani, Y.T. Nurteisa, R. Suharyadi, A. Marfai. 2015. Teknologi Pesawat Tanpa Awak untuk Pemenuhan Data Spasial Pemetaan Bencana Tsunami di Objek Wisata Pantai. *Paper PIT MAPIN XX. Bogor 7-8 februari 2015*.
- Semenov, A.A., A.V. Moshkov, V.N. Pozhidayef. 2001. Estimation of Normalized Atmospheric Point Spread Function and Restoration of Remotely Sensed Images. *Ieee Transactions On Geoscience And Remote Sensing, Vol. 49, No. 7, July 2011*
- Sutanto. 1994. *Penginderaan Jauh Jilid 2*. Yogyakarta : Fakultas Geografi Universitas Gadjah Mada.
- Sutanto. 1999. *Penginderaan Jauh Jilid 1*. Yogyakarta : Fakultas Geografi Universitas Gadjah Mada.
- Sutanto. 2013. *Metode Penelitian Penginderaan Jauh*. Yogyakarta: Badan Penerbit Fakultas Geografi, Universitas Gadjah Mada.

- Tampubolon, T., K. Abdullah dan L.H. San .2010. Application of Object-based Approach Using ASTER Data for Land Use and Land Cover Classification in Coastal Zone of Medan, Sumatera. diunduh pada tanggal 15 April 2011 , dari <http://www.mapasia.org/2010/proceeding/pdf/togi.pdf>
- Tang, L., L. Tian, and B.L. Steward, 2000. Color Image Segmentation With Genetic Algorithm For In-Field Weed Sensing. *Transactions of the American Society of Agricultural Engineers*, 43(4):1019-1027.
- Toth, C. 2009. State-of-the-art in Airborne Data Collection System- Focused on LiDAR and ptical Imagery. Proceedings of Photogrametric Week, 2009. Diunduh dari <http://www.ifp.uni-stuttgart.de/publications/phowo09/170Toth.pdf> tanggal 25 Mei 2015.
- Trimble. 2011a. *eCognition Developer 8.7 Reference Book*. Munchen:Trimble Documentation.
- Trimble. 2011b. *eCognition Developer 8.7 User Giude*. Munchen:Trimble Documentation.
- Weih, R.C. dan N.D. Riggan. 2010. Object Based Classification VS Pixel Based Classification : Comparative Importance of Multiresolution Imagery. *The International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences*, Vol. XXXVIII-4/C7
- Weng, Q. 2010. *Remote Sensing and GIS Integration : Theories, Methods and Application*. New York. McGraw-Hill.
- Wu, S.,J. Silvan-Cardenas, dan L. Wang. 2010. Per-field urban land use classification based on tax parcel boundaries. *International Journal of Remote Sensing Vol. 28, No. 12, 20 June 2007, 2777–2800*.
- Yu, Q., P. Gong, N. Clinton, G. Biging, M. Kelly, dan D. Schirokauer. 2006. Object based detailed vegetation classification with airborne high spatial resolution remote sensing imagery. *Photogrammetric Engineering and Remote Sensing*, 72, pp. 799–811.
- Zhou, W., Huang.,G, Troy, A., Cadenasso, M.I. 2009. Object-Based Land Cover Classification of Shaded Areas in High Spatial Resolution Imagery of Urban Areas: A Comparison Study. *Remote Sensing of Environment 113 (2009) 1769-1777*.