

DAFTAR PUSTAKA

- Badan Standardisasi Nasional (BSN). 2010. *SNI 7645:2010: Klasifikasi Penutup Lahan*. Vol. SNI 7645:2. Jakarta, Indonesia.
- Badan Standardisasi Nasional (BSN). 2014. *SNI 8033:2014: Metode Penghitungan Perubahan Tutupan Hutan Berdasarkan Hasil Penafsiran Citra Penginderaan Jauh Optik Secara Visual*. Jakarta, Indonesia.
- Badan Standarisasi Nasional (BSN). 2012. *RSNI-1b: Kelas Penutupan Lahan Dalam Penafsiran Citra Optis Resolusi Sedang*. Jakarta, Indonesia.
- Bodart, Catherine, Hugh Eva, René Beuchle, Rastislav Raši, Dario Simonetti, Hans Jürgen Stibig, Andreas Brink, Erik Lindquist, and Frédéric Achard. 2011. "Pre-Processing of a Sample of Multi-Scene and Multi-Date Landsat Imagery Used to Monitor Forest Cover Changes over the Tropics." *ISPRS Journal of Photogrammetry and Remote Sensing* 66 (5). International Society for Photogrammetry and Remote Sensing, Inc. (ISPRS): 555– 63. doi:10.1016/j.isprsjprs.2011.03.003.
- Bratasanu, Dragos, Ion Nedelcu, and Mihai Datcu. 2012. "Interactive Spectral Band Discovery for Exploratory Visual Analysis of Satellite Images." *IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing* 5 (1): 207–24. doi:10.1109/JSTARS.2011.2169772.
- Broich, Mark, Matthew C. Hansen, Peter Potapov, Bernard Adusei, Erik Lindquist, and Stephen V. Stehman. 2011. "Time-Series Analysis of Multi-Resolution Optical Imagery for Quantifying Forest Cover Loss in Sumatra and Kalimantan, Indonesia." *International Journal of Applied Earth Observation and Geoinformation* 13 (2). Elsevier B.V.: 277–91. doi:10.1016/j.jag.2010.11.004.
- Caccetta Peter, Suzanne L. Furby, O'Connell J., Jeremy Wallace. F., and Wu X. 2007. "Continental Monitoring: 34 Years of Land Cover Change Using Landsat Imagery." *32nd International Symposium on Remote Sensing of Environment*. January 25–29.
- Centre for Remote Imaging, Sensing and Processing (CRISP). 2001. "*Cloud-Free Mosaics*". *CRISP* (Centre for Remote Imaging, Sensing and Processing). https://crisp.nus.edu.sg/~research/cloudfree_mosaic/cloudfree_mosaic.htm.
- Coulter, Lloyd L., Douglas A. Stow, Yu Hsin Tsai, Nicholas Ibanez, Hsiao chien Shih, Andrew Kerr, Magdalena Benza, John R. Weeks, and Foster Mensah. 2016. "Classification and Assessment of Land Cover and Land Use Change in Southern Ghana Using Dense Stacks of Landsat 7 ETM+ Imagery" *Remote Sensing of Environment* 184. Elsevier Inc.: 396– 409. doi:10.1016/j.rse.2016.07.016.
- Danoedoro, Projo. 2010. "*Penginderaan Jauh: Posisi, Paradigma, dan Pemodelannya dalam Kajian Geografi*". Pidato Pengukuhan Jabatan Lektor Kepala. Rapat Senat Terbuka Fakultas Geografi UGM. Yogyakarta.

- Danoedoro, Projo. 2012. *Pengantar Penginderaan Jauh Digital*. Yogyakarta: Andi Offset.
- De Vries, C., T. Danaher, R. Denham, P. Scarth, S. Phinn. 2007. An operational radiometric calibration procedure for the Landsat sensors based on pseudo-invariant target sites. *Remote Sensing of Environment* 107 (2007) 414–429. <https://doi.org/10.1016/j.rse.2006.09.019>
- Dimyati M., Ratih D. Dimyati, Kustiyo, Projo Danoedoro, Hartono. 2018. “Interpretability Evaluation of Annual Multitemporal Tile-Based Mosaic of Landsat-8 Operational Land Imager for Land Cover Changes Analysis in the Central Part of Sumatra.” *Telkomnika* Vol. 16/03 (June 2018): 1–14. doi:<http://dx.doi.org/10.12928/telkomnika.v16i3.9331>.
- Fl. Zăvoianu, A. Caramizoiu, D. Badea. 2001. “*Study and Accuracy Assessment of Remote Sensing Data for Environmental Change Detection in Romanian Coastal Zone of The Black Sea*”. In *Commission VII, WG VII/6 ISPRS Congress XXXV*. <http://www.isprs.org/proceedings/XXXV/congress/comm7/papers/153.pdf>.
- Frantz, David, Achim Röder, Marion Stellmes, and Joachim Hill. 2016. “An Operational Radiometric Landsat Preprocessing Framework for Large-Area Time Series Applications.” *IEEE Transactions on Geoscience and Remote Sensing* 54 (7): 3928–43. doi:10.1109/TGRS.2016.2530856.
- Furby, L. Suzanne, Peter. A. Caccetta, Wu X., and J. Chia. 2006. “*Continental Scale Land Cover Change Monitoring in Australia Using Landsat Imagery*.” CSIRO Mathematical and Information Sciences.
- Furby, L. Suzanne, Peter. A. Caccetta, Wu X., and J. Chia. 2008. “*Continental Scale Land Cover Change Monitoring in Australia Using Landsat Imagery*”. Studying, Modeling and Sense Making of Planet Earth, 1-6 June, Mytilene, Lesvos, Greece.
- Furby, L. Suzanne. 2002. “*National Carbon Accounting System Land Cover Change : Specification for Remote Sensing Analysis*”. Technical Report No. 9. Canberra.
- Furby, L Suzanne. 2002. “*Land Cover Change: Specification for Remote Sensing Analysis*”. National Carbon Accounting System, Technical Report No. 9, 402.
- Gastellu-Etchegorry, Jean-Philippe. 1988. “Monthly Probabilities for Acquiring Remote Sensed Data of Indonesia with Cloud Cover Less than 10, 20 and 30 Percent”. *The Indonesian Journal of Geography* 18 (55): 11–28.
- Gu, J., J. Chen, Q. M. Zhou, H. W. Zhang, and L. Ma. 2008. “Quantitative Textural Parameter Selection for Residential Extraction from High-Resolution Remotely Sensed Imagery.” *The International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences*. Vol. XXXVII. Part B4. Beijing 2008 [Vol. XXXVI (2008): 1371– 76.
- Guo, Yi, Feng Li, Peter Caccetta, Drew Devereux, and Mark Berman. 2016. “Cloud Filtering for Landsat TM Satellite Images Using Multiple Temporal

- Mosaicing.” *IEEE IGARSS 2016*, 7240–43.
- Hansen, Matthew C., and Thomas R. Loveland. 2012. “A Review of Large Area Monitoring of Land Cover Change Using Landsat Data.” *Journal of Remote Sensing of Environment* 122. Elsevier Inc.: 66–74. doi:10.1016/j.rse.2011.08.024.
- Hansen, Matthew C., David P. Roy, Erik Lindquist, Bernard Adusei, Christopher O. Justice, and Alice Altstatt. 2008. “A Method for Integrating MODIS and Landsat Data for Systematic Monitoring of Forest Cover and Change in the Congo Basin.” *Remote Sensing of Environment* 112 (5): 2495–2513. doi:10.1016/j.rse.2007.11.012.
- Hussain, Masroor, Dongmei Chen, Angela Cheng, Hui Wei, and David Stanley. 2013. “Change Detection from Remotely Sensed Images: From Pixel-Based to Object-Based Approaches.” *ISPRS Journal of Photogrammetry and Remote Sensing* 80. International Society for Photogrammetry and Remote Sensing, Inc. (ISPRS): 91–106. doi:10.1016/j.isprsjprs.2013.03.006.
- Irish, Richard R., John L. Barker, Samuel N. Goward. Terry Arvidson. 2006. “Characterization of the andsat-7 ETM+ Otomated Clod-Cover Assessment (ACCA Algorithm)”. *Photogrammetric Engineering & Remote Sensing*. Vol. 72, No. 10, October 2006, pp. 1179-1188.
- Islam, Kamrul, Mohammed Jashimuddin, Biswajit Nath, and Tapan Kumar Nath. 2016. “Land Use Classification and Change Detection by Using Multi-Temporal Remotely Sensed Imagery: The Case of Chunati Wildlife Sanctuary, Bangladesh.” *Egyptian Journal of Remote Sensing and Space Science* 21 (1). National Authority for Remote Sensing and Space Sciences: 37–47. doi:10.1016/j.ejrs.2016.12.005.
- Jaelani, L.M., 2014. Kalibrasi Radiometrik: Mengubah Digital Number (DN) ke Radiance dan/atau Reflectance. <https://lmjaelani.com/tag/penginderaan-jauh/page/2/>. Diakses Maret 2017.
- Kevin Butler. 2018. “Band Combinations for Landsat 8”. ESRI. <https://blogs.esri.com/esri/arcgis/2013/07/24/band-combinations-for-landsat-8/>.
- Kushardono, Dony, and Ratih Dewanti. 2016. “Pemetaan Kebutuhan Sensor Optik Satelit Penginderaan Jauh di Indonesia.” *Majalah Inderaja* VII (9 Edisi November 2016): 20–27.
- Kustiyo dan Anis Kamilah Hayati. 2016. “Pengembangan Nilai Kualitas Radiometrik untuk Citra Landsat-8 (Fase 1: Identifikasi Kabut)”. *Prosiding Seminar Nasional Penginderaan Jauh 2016*. LAPAN Jakarta.
- Kustiyo. 2016. “Development of Annual Landsat-8 Composite Over Central Kalimantan, Indonesia Using Automatic Algorithm to Minimize Cloud.” *International Journal of Remote Sensing and Earth Sciences* 13 (1): 51–58.
- Kustiyo, Ratih Dewanti, and Inggit Lolitasari. 2014. “Pengembangan Metode Koreksi Radiometrik Citra SPOT 4 Multi-Spektral Dan Multi-Temporal untuk Mosaik Citra.” *Seminar Nasional Penginderaan Jauh 2014*, 79–87.

- Li, Congcong, Peng Gong, Jie Wang, Zhiliang Zhu, Gregory S. Biging, Cui Yuan, Tengyun Hu, et al. 2017. "The First All-Season Sample Set for Mapping Global Land Cover with Landsat-8 Data." *Science Bulletin* 62 (7): 508–15. doi:10.1016/j.scib.2017.03.011.
- Liu, Jia, Hai Tao Li, and Hai Yan Gu. 2011. "Study of Color Balance for Remote Sensing Imagery Mosaic." *2011 International Symposium on Image and Data Fusion, ISIDF 2011*, 0–3. doi:10.1109/ISIDF.2011.6024299.
- Liu, Shenggang, Chao Han, Shaokai Wang, Qinqin Luo, 2012, Data Warehouse Design for Earth Observation Satellites. International Workshop on Information and Electronics Engineering (IWIEE). *Procedia Engineering* 29 (2012) 3876 – 3882.
- Lu, D., P. Mausel, E. Brondízio, and E. Moran. 2004. "Change Detection Techniques." *International Journal of Remote Sensing* 25 (12): 2365–2407. doi:10.1080/0143116031000139863.
- Dabboor, M., S. Howell, M. Shokr, J. Yackel. 2014. "The Jeffries – Matusita Distance for the Case of Complex Wishart Distribution as a Separability Criterion for Fully Polarimetric SAR Data." *International Journal of Remote Sensing* 35 (19): 6859–73. doi:10.1080/01431161.2014.960614.
- Ma, Lei, Manchun Li, Xiaoxue Ma, Liang Cheng, Peijun Du, and Yongxue Liu. 2017. "A Review of Supervised Object-Based Land-Cover Image Classification." *ISPRS Journal of Photogrammetry and Remote Sensing* 130. The Authors: 277–93. doi:10.1016/j.isprsjprs.2017.06.001.
- Margono, Belinda Arunarwati, Ahmad Basyirudin Usman, Budiharto, and Ruandha Agung Sugardiman. 2016. "Indonesia's Forest Resource Monitoring". *Indonesian Journal of Geography* 48 (1): 7–20.
- Mausel, P. W., W. J. Kramber, and J. K. Lee. 1990. "Optimum Band Selection for Supervised Classification of Multispectral Data" 56 (1): 55–60.
- Miettinen, Jukka, Chenghua Shi, and Soo Chin Liew. 2016. "Land Cover Distribution in the Peatlands of Peninsular Malaysia, Sumatra and Borneo in 2015 with Changes since 1990." *Global Ecology and Conservation* 6. Elsevier B.V.: 67–78. doi:10.1016/j.gecco.2016.02.004.
- Murakami, T., S. Ogawa, N. Ishitsuka, K. Kumagai, and G. Saito. 2001. "Crop Discrimination with Multitemporal SPOT/HRV Data in the Saga Plains, Japan." *International Journal of Remote Sensing* 22 (7): 1335–48. doi:10.1080/01431160151144378.
- Nishii, Ryuei, and Shojiro Tanaka. 1999. "Accuracy and Inaccuracy Assessments in Land- Cover Classification." *IEEE Transactions on Geoscience and Remote Sensing* 37 (1 II): 491–98. doi:10.1109/36.739098.
- Paolini, Leonardo, Francisco Grings, José a. Sobrino, Juan C. Jiménez Muñoz, and Haydee Karszenbaum. 2006. "Radiometric Correction Effects in Landsat Multi-Date/Multi- Sensor Change Detection Studies." *International Journal of Remote Sensing* 27 (4): 685– 704. doi:10.1080/01431160500183057.

- Pathak, Suparn. 2014. "New Change Detection Techniques to Monitor Land Cover Dynamics in Mine Environment." *International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives* 40 (8): 875–79. doi:10.5194/isprsarchives-XL-8-875-2014.
- Peacock, Rex. 2014. "Land Cover Classification, Accuracy Assessment of Supervised and Unsupervised Classification Using Landsat Imagery of Little Rock, Arkansas." Northwest Missouri State University. Master Thesis
- Potapov, P., M. C. Hansen, A. M. Gerrand, E. J. Lindquist, K. Pittman, S. Turubanova, and M. Løyche Wilkie. 2011. "The Global Landsat Imagery Database for the FAO FRA Remote Sensing Survey." *International Journal of Digital Earth* 4 (1): 2–21. doi:10.1080/17538947.2010.492244.
- Presiden of the Republic of Indonesia. 2018. *Peraturan Pemerintah Nomor 11 Tahun 2018 Tentang Tata Cara Penyelenggaraan Kegiatan Penginderaan Jauh*. Indonesia.
- Presiden Republik Indonesia. 2011. *Undang-Undang Republik Indonesia Nomor 4 Tahun 2011 Tentang Informasi Geospasial*.
- Presiden Republik Indonesia. 2013a. *Peraturan Pemerintah Republik Indonesia Nomor 8 Tahun 2013 Tentang Ketelitian Peta Rencana Tata Ruang*. PP No 8 Tahun 2013.
- Presiden Republik Indonesia. 2013b. *Undang-Undang Republik Indonesia Nomor 21 Tahun 2013 Tentang Keantariksaan*. Indonesia. www.lapan.go.id.
- Presiden Republik Indonesia. 2014. *Undang-Undang Republik Indonesia Nomor 6 Tahun 2014 Tentang Desa*. Presiden Republik Indonesia. doi:10.1017/CBO9781107415324.004.
- Presiden Republik Indonesia. 2016. *Peraturan Presiden Republik Indonesia Nomor 9 Tahun 2016 Tentang Percepatan Pelaksanaan Kebijakan Satu Peta Pada Tingkat Ketelitian Peta Skala 1: 50.000*.
- Raši, Rastislav, Catherine Bodart, Hans Jürgen Stibig, Hugh Eva, René Beuchle, Silvia Carboni, Dario Simonetti, and Frédéric Achard. 2011. "An Automated Approach for Segmenting and Classifying a Large Sample of Multi-Date Landsat Imagery for Pan- Tropical Forest Monitoring." *Remote Sensing of Environment* 115 (12): 3659–69. doi:10.1016/j.rse.2011.09.004.
- Richards, John A, and Xiuping Jia. 2006. *Remote Sensing Digital Image Analysis, An Introduction 4th*. 4th Editio. Canberra: Springer.
- Roswintarti Orbita, Ratih Dewanti, Suzanne L. Furby, Jeremy Wallace. 2014. "The Remote Sensing Monitoring Program of Indonesia's National Carbon Accounting System: Methodology and Products". Jakarta.
- Sharma, S.A., H.P. Bratt, Ajai. 1995. "Oilseed Crop Discrimination: Selection of Optimum Bands and Role of Middle Infrared." *ISPRS Journal of Photogrammetry and Remote Sensing*, 50 (5): 25–30.

- Setiawan, Yudi, M. Irfansyah Lubis, Sri Malahayati Yusuf, and Lilik Budi Prasetyo. 2015. "Identifying Change Trajectory over the Sumatra's Forestlands Using Moderate Image Resolution Imagery." *Procedia Environmental Sciences* 24. Elsevier B.V.: 189–98. doi:10.1016/j.proenv.2015.03.025.
- Setiyoko Andie, Saputra Riyan Mahendra, Asyiri Abdul, and Yudha Gusti Dharma. 2016. "Analisis Kesesuaian Pelayanan Data Penginderaan Jauh terhadap Kebutuhan Pengguna". Seminar Nasional Penginderaan Jauh 2016, 424–527. www.lapan.go.id.
- Singh, Ashbindu. 1989. "Review Article: Digital Change Detection Techniques Using Remotely-Sensed Data." *International Journal of Remote Sensing* 10 (6): 989–1003. doi:10.1080/01431168908903939.
- Sonobe, Rei, Hiroshi Tani, and Xiufeng Wang. 2017. "An Experimental Comparison between KELM and CART for Crop Classification Using Landsat-8 OLI Data." *Geocarto International* 32 (2). Taylor & Francis: 128–38. doi:10.1080/10106049.2015.1130085.
- Subaryono, Harintaka, Endras Kurniawan. 2008. "Evaluasi Pembuatan Mosaik Foto Udara Format Kecil Tidak Terkontrol Menggunakan Perangkat Lunak Desain Grafis Komersial." *Media Teknik* No.3 Tahun (Agustus 2008): 261–68. <http://i-lib.ugm.ac.id/jurnal/detail.php?dataId=12708>.
- Sutanto. 2013. *Metode Penelitian Penginderaan Jauh*. Badan Penerbit Fakultas Geografi Universitas Gadjah Mada, Penerbit Ombak Yogyakarta.
- U.S. Geological Survey (USGS). 2018. "Landsat Missions How Do Landsat 8 Band Combinations Differ from Landsat 7 or Landsat 5 Satellite Data?" USGS. <https://landsat.usgs.gov/how-do-landsat-8-band-combinations-differ-landsat-7-or-landsat-5-satellite-data>.
- USGS. 2015. "Landsat 8 (L8) Data Users Handbook". Version 1.0 June 2015. Departament of the Interior U.S. Geological Survey 8 (June).
- Vogelmann, James E, George Xian, Collin Homer, and Brian Tolk. 2012. "Remote Sensing of Environment Monitoring Gradual Ecosystem Change Using Landsat Time Series Analyses : Case Studies in Selected Forest and Rangeland Ecosystems." *Remote Sensing of Environment* 122. Elsevier B.V.: 92–105. doi:10.1016/j.rse.2011.06.027.
- Wahyunto, and Nyoman Suryadiputra. 2008. "Peatland Distribution in Sumatra and Kalimantan-Explanation of Its Data Sets Including Source of Information, Accuracy, Data Constraints and Gaps". 1–64.
- White, J. C., M. A. Wulder, G. W. Hobart, J. E. Luther, T. Hermosilla, P. Griffiths, N. C. Coops, et al. 2014. "Pixel-Based Image Compositing for Large-Area Dense Time Series Applications and Science". *Canadian Journal of Remote Sensing* 40 (3): 192–212. doi:10.1080/07038992.2014.945827.
- Wickham, James, Stephen V. Stehman, Leila Gass, Jon A. Dewitz, Daniel G. Sorenson, Brian J. Granneman, Richard V. Poss, and Lori A. Baer. 2017. "Thematic Accuracy Assessment of the 2011 National Land Cover Database

- (NLCD)". *Remote Sensing of Environment* 191. Elsevier Inc.: 328–41. doi:10.1016/j.rse.2016.12.026.
- Wijaya, A., R. A. Sugardiman, B. Budiharto, A. Tosiani, D. Murdiyarso, and L. V. Verchot. 2015. "Assessment of Large Scale Land Cover Change Classifications and Drivers of Deforestation in Indonesia." *International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives* 40 (7W3): 557–62. doi:10.5194/isprsarchives-XL-7-W3-557-2015.
- Wahyunto, Kusumo Nugroho, and Yiyi Sulaeman. 2014. "*Indonesian Peatland Map: Method, Certainty, and Uses*". Conference: Pengelolaan Berkelanjutan Lahan Gambut Terdegradasi. Jakarta August 2014.
- Wulansari, Harvini. 2017. "Uji Akurasi Klasifikasi Penggunaan Lahan Dengan Menggunakan Metode Defuzzifikasi Maximum Likelihood Berbasis Citra Alos AVNIR-2". *Bhumi* 3– No 1 (Mei): 98–110.
- Wynne, Jeff Jenness, J. Judson. 2005. "*Cohen's Kappa and Classification Table Metrics 2.1*". An ArcView 3X Extension for Accuracy Assessment of Spatially Explicit Models. 86. Flagstaff, AZ 86004 USA: USGS. http://www.jennessent.com/arcview/kappa_stats.htm.
- Yong Kiat Allan Tan, Wee Juan Tan, and Leong Keong Kwoh. 2008. "Fast Colour Balance Adjustment of Ikonos Imagery Using CUDA." In *IEEE IGARSS*, 8670:1052–55.
- Yuan, M., Battenfield, B., Gahegan, M. N., and Miller, H. 2014. Geospatial Data Mining and Knowledge Discovery. In Press: Chapter 14 In *Research Challenges In Geographic Information Science*, R. McMaster And L Userly Eds. John Wiley & Sons. https://www.Researchgate.Net/Publication/246319825_Geospatial_Data_Mining_And_Knowledge_Discovery