

DAFTAR PUSTAKA

- Abdi, H. 2007. *Coefficients of Correlation, Alienation and Determination*. 1–8. USA: The University of Texas at Dallas.
- Anderson, E. S., Thompson, J. A., dan Austin, R. E. 2005. *LIDAR density and linear interpolator effects on elevation estimates*. *International Journal of Remote Sensing* 26(18), 37–41. <https://doi.org/10.1080/01431160500181671>.
- Asal, F. F. 2016. *Evaluating The Effects Of Reductions In Lidar Data On The Visual and Statistical Characteristics Of The Created Digital Elevation*. III(Juli), 12–19. <https://doi.org/10.5194/isprsannals-III-2-91-2016>.
- Badan Perencanaan Pembangunan Nasional (Bappenas). 2014. *Buku Pegangan Perencanaan Pembangunan Daerah 2014*. 1–199. Retrieved from https://www.bappenas.go.id/files/6613/7890/3137/2.Handbook_2014.pdf.
- Badan Perencanaan Statistik (BPS). 2018. *Keadaan Angkatan Kerja di Indonesia Agustus 2018*. Jakarta: BPS RI.
- Baghdadi, N. dan Zribi, M. 2016. *Optical Remote Sensing of Land Surfaces*. Remote Sensing Observations of Continental Surfaces Set.
- Balangoda, A., Rahman, S., dan Padmanabhan, G. 2015. *Effects of Intermittent Artificial Circulation in Summer Months on Chlorophyll a Concentration in a Small Eutrophic Impoundment*. <https://doi.org/10.3844/ajessp.2015.380.391>.
- Balsa-barreiro, J., Avariento, J. P., dan Lerma, J. L. 2012. *Airborne light detection and ranging (LiDAR) point density analysis*. <https://doi.org/10.5897/SRE12.278>
- Balai Besar Wilayah Sungai Serayu Opak (BBWS). 2015. *ANALISIS DATA DAN KAJIAN PENGELOLAAN SUMBER DAYA AIR*. 214–447.
- Bhargava, D. S., dan Mariam, D. W. 1991. *Light penetration depth, turbidity and reflectance related relationships and models*. 46, 217–230.
- Churnside, J. H., Tatarskii, V. V., dan Wilson, J. J. 1998. *Oceanographic lidar attenuation coefficients and signal fluctuations measured from a ship in the Southern California Bight*. <https://doi.org/10.1364/AO.37.003105>.
- Chazette, P., Totems, J., Hespel, L., dan Bailly, J-S. 2016. *Principle and Physics of the LiDAR Measurement*. *Optical Remote Sensing of Land Surface*, 201–247. doi:10.1016/b978-1-78548-102-4.50005-3.
- Gallay, M. 2013. *Direct Acquisition of Data: Airborne laser scanning*. *Geomorphological Techniques*, Chap. 2, Sec. 1.4. British Society for Geomorphology.
- Guenther, G. C. 2001. *Airborne Lidar Bathymetry*. 1–73. <https://pdfs.semanticscholar.org/a3a3/3880cd50e88b65f49c7c86e84526eaa3398d.pdf>.
- Guenther, G. C., Cunningham, A. G., Larocque, P. E., Reid, D. J., Service, N. O., Highway, E., dan Spring, S. 2000. *Meeting The Accuracy Challenge In Airborne Lidar Bathymetry*. Dresden: Proceedings of EARSeL-SIG-Workshop LIDAR.

- Habib, A., Bang, K., dan Kerstin, A. P. 2010. *Lidar System Calibration : Impact On Plane Segmentation and Lidar System Calibration : Impact On Plane Segmentation*. ASPRS 2010 Annual Conference
- Hahn, G. J. 1973. *The coefficient of determination exposed !* (10), 609–612.
- Humboldt State University. 2015. *Components of a Lidar System*. http://gsp.humboldt.edu/OLM/Courses/GSP_216_Online/lesson7-1/components.html.
- Integrated Participatory Development and Management of Irrigation Program (IPDMIP). 2019. *Sekilas IPDMIP*. <https://www.ipdmip.org/komponen-ipdmip-copy>.
- Jachner, S., Boogaart, K. G. V. D., Petzoldt, T. 2007. *Statistical Methods for the Qualitative Assessment of Dynamic Models with Time Delay (R Package qualV)*. Journal of Statistical Software 22(8).
- Jethra, R. 1993. *Turbidity measurement*. 32, 397–405. Elsevier Science Publishers.
- Juniati, E. dan Harintaka. 2018. *Perbandingan Ragam Input Model Ketinggian Untuk Pembentukan True-Orthophoto Di Area Urban (Comparison Of Various Elevation Model Inputs For True-Orthophoto Generation In Urban Areas)*. 49–60.
- Karnawat, V. dan Patil, S. L. 2016. *Turbidity detection using Image Processing*. International Conference on Computing, Communication and Automation Journal, 1086–1089.
- Kashani, A. G., Olsen, M. J., Parrish, C. E., dan Wilson, N. 2015. *A Review of LIDAR Radiometric Processing: From Ad Hoc Intensity Correction to Rigorous Radiometric Calibration*. MDPI Journals, 15, 28099–28128. <https://doi.org/10.3390/s151128099>.
- Kementerian Pekerjaan Umum dan Perumahan Rakyat. 2017. *Modul Pengetahuan Umum Irigasi Pelatihan Operasi dan Pemeliharaan Irigasi Tingkat Juru*. Bandung: Pusat Pendidikan dan Pelatihan Sumber Daya Air dan Konstruksi.
- Kementerian Pertanian. 2018. *Petunjuk Pelaksanaan Edisi Revisi 2018 Integrated Participatory Development and Management of Irrigation Program (IPDMIP)*. Jakarta: Badan Penyuluhan Sumber Daya Manusia Pertanian.
- Kementerian Pertanian. 2015. *Peta Pengembangan Kawasan Padi dan Kedelai Kabupaten Kebumen, Provinsi Jawa Tengah*. Jakarta.
- Kinzel, P. J., Legleiter, C. J., dan Nelson, J. M. 2013. *Mapping River Bathymetry With a Small Footprint Green LiDAR: Applications and Challenges*. JAWRA Journal of the American Water Resources Association, 49 (1), 183–204. doi:10.1111/jawr.12008.
- Kukko, A., dan Hyypä, J. 2009. *Small-footprint Laser Scanning Simulator for System Validation , Error Assessment , and Algorithm Development*. 1177–1189.
- LaRocque, P. E. dan West, G. R. 1999. *Airborne Laser Hydrography: An Introduction*.
- Leica Geosystems AG. 2015. *Leica Chiroptera II The most cost-effective nearshore*

LiDAR sensor. Switzerland: Leica Geosystems AG.

- Lestari, I. B. 2009. *Pendugaan Konsentrasi Total Suspended Solid (TSS) dan Transparansi Perairan Teluk Jakarta Dengan Citra Satelit Landsat*. Bogor: Institut Pertanian Bogor.
- Li, Z., Tan, J., dan Liu, H. 2019. *Rigorous Boresight Self-Calibration of Mobile and UAV LiDAR Scanning Systems by Strip Adjustment*. 1–16. <https://doi.org/10.3390/rs11040442>
- Liu, X., Zhang, Z., Peterson, J. dan Chandra, S. 2007. *The Effect of LiDAR Data Density on DEM Accuracy*. Australia.
- Lohani, B. 2008. *Airborne Altimetric LiDAR: Principle, Data collection, processing and Applications*. India: IIT Kanpur.
- Mandlbürger, G., Pfennigbauer, M., dan Pfeiffer, N. 2013. *Analyzing Near Water Surface Penetration In Laser Bathymetry -A Case Study At The River Pielach*. ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences, Volume II-5/W2.
- Medina, J. M., Prieto, J.F., Samalbuero, S. D. J., dan Ang, M. C. R. O. 2015. *Light Detection and Ranging (Lidar) Data Processing and Classification For Bathymetric DEM Generation of Philippine Shallow Waters*. Filipina.
- Melin, M., Shapiro, A. C., dan Glover-Kapfer, P. 2015. *Lidar for Ecology and Conservation*. UK: WWF.
- Nayegandhi, A., Brock, J. C., dan Wright, C. W. 2009. *International Journal of Remote Small - footprint , waveform - resolving lidar estimation of submerged and sub - canopy topography in coastal environments*, 37–41. <https://doi.org/10.1080/01431160802395227>.
- Neteler, M. dan Mitasova, H. 2004. *Open Source GIS: A GRASS GIS Approach*. Kluwer Academic Publishers.
- Pan, Z., Glennie, C., Hartzell, P., Fernandez-diaz, J. C., Legleiter, C., dan Overstreet, B. 2015. *Performance Assessment of High Resolution Airborne Full Waveform LiDAR for Shallow River Bathymetry*, MDPI Journal, 7, 5133–5159. <https://doi.org/10.3390/rs70505133>.
- PT. Map Tiga Internasional. *Topo and Bathy Lidar- Kebumen Irrigation*. Jakarta Selatan.
- Quadros, N. D. 2015. *Unlocking the Characteristics of Bathymetric LiDAR Sensors*. LiDAR Magazine. www.lidarnews.com.
- Richter, K., Maas, H., Westfeld, P., dan Weiß, R. 2016. *An Approach to Determining Turbidity and Correcting for Signal Attenuation in Airborne Lidar Bathymetry*. Deutsche Gesellschaft für Photogrammetrie, Fernerkundung und Geoinformation Journal. doi: 10.1007/s41064-016-0001-0.
- Rupnik, B., Mongus, D., dan Žalik, B. 2015. *Point Density Evaluation of Airborne LiDAR Datasets*. Journal of Universal Computer Science, 21(4).

- Saigal, S., dan Mehrotra, D. 2012. *Performance Comparison Of Time Series Data Using Predictive Data Mining Techniques*. Advances in Information Mining 4(1), 57–66.
- San, L. H., Zubir, M., Jafri, M., dan Abdullah, K. 2009. *Aerial Photogrammetry Method for Water Quality Monitoring Using Digital Camera*. Open Environmental Sciences Journal, 3(1), 20–25.
- Saylam, K., Brown, R. A., dan Hupp, J. R. 2017. *Assessment of depth and turbidity with airborne Lidar bathymetry and multiband satellite imagery in shallow water bodies of the Alaskan North Slope*. International Journal of Applied Earth Observations and Geoinformation, 58, 191–200. <https://doi.org/10.1016/j.jag.2017.02.012>
- Saylam, K., Hupp, J. R., Averett, A. R., John, A., dan Jackson, K. G. 2016. *Quantifying The Bathymetry Of The Lower Colorado River Basin , Arizona , With Airborne Lidar*. Texas: Near Surface Observatory.
- Saylam, K., Hupp, J. R., Andrews, J. R., Averett, A. R., dan Knudby, A. J. 2018. *Quantifying Airborne Lidar Bathymetry in Frio River , Texas*. <https://doi.org/10.3390/s18124153>.
- Serajuddin, Chowdhury, A. I., Haque, M. dan Haque, E. 2019. *Using Turbidity to Determine Total Suspended Solids in an Urban Stream: A Case Study*. Proc. 2nd International Conference on Water and Environmental Engineering. ISBN: 978-0-6482681-1-6.
- Sharma, S. 2018. *LiDAR Bathymetry for Nautical Charting*. <http://www.iicacademy.com/docs/LiDARBathymetryforNauticalCharting.pdf>
- Simbolon, F., dan Surbakti, H. dan Hartoni. 2015. *Analisis Pola Sebaran Sedimen Tersuspensi Menggunakan Teknik Penginderaan Jauh di Perairan Muara Sungai Banyuasin*. Marine Science Research Journal, 7(2), 1-10.
- Skinner, K. D. 2009. *Evaluation of LiDAR-Acquired Bathymetric and Topographic Data Accuracy in Various Hydrogeomorphic Settings in the Lower Boise River, Southwestern Idaho, 2007*. Virginia: U.S. Geological Survey.
- Soeta'at. 2005. *Bahan Ajar Statistik dan Teori Kesalahan*. Sleman: Universitas Gadjah Mada.
- Susanto, D. 2018. *Masihkah Indonesia Negara Agraris?*. <https://news.detik.com/kolom/d-4304718/masihkah-indonesia-negara-agraris>. Diakses tanggal 19 April 2019.
- Triglav-Cekada M., Crosilla, F., dan Kosmatin-fras, M. 2009. *A Simplified Analytical Model for a-priori Lidar Point-positioning Error Estimation and a Review of Lidar Error Sources*. Photogrammetric Engineering & Remote Sensing, 12, 1425–1439. doi:10.14358/pers.75.12.1425.
- United States Geological Survey (USGS). 1993. *Digital Orthophotos*.
- Vosselman, G. dan Mass, H. 2010. *Airborne and Terrestrial Laser Scanning*. USA: Whittles Publishing.

- V. Mendez, Nestor, J. 1998. *Sediment Transport in Irrigation Canals*. Belanda: A.A. Balkema.
- William, R. 2019. *Normal distribution*. <https://www3.nd.edu/~rwilliam/stats1/x21.pdf>.
- Wehr, A., dan Lohr, U. 1999. *Airborne laser scanning-an introduction and overview*. ISPRS Journal of Photogrammetry & Remote Sensing, 54, 68–82.
- Zheng, Songfeng. 2019. *Methods of Evaluating Estimators Mean Square Error (MSE) of an Estimator*. 1–11.