DAFTAR PUSTAKA

Andaru, R., Rau, J. Y., Chuang, L. Z. H., & Jen, C. H. (2022). Multitemporal UAV Photogrammetry For Sandbank Morphological Change Analysis: Evaluations of Camera Calibration Methods, Co-Registration Strategies, and the Reconstructed DSMs. *IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing*, *15*, 5924–5942. https://doi.org/10.1109/JSTARS.2022.3192264

Andreani, M., Bertagni, S., Biagini, C., & Mallo, F. (2019). 7D *BIM* for sustainability assessment in design processes: A case study of design of alternatives in severe climate and heavy use conditions. *Architecture and Engineering*, *4*(2), 3–12. https://doi.org/10.23968/2500-0055-2019-4-2-3-12

Anshari, M. F., & Cahyono, A. B. (2011). Calibration of non metric digital camera for underwater photogrammetry activity. *Photogrammetry, Remote Sensing and Spatial Information Sciences*, 2011.

Aristia, N. (2014). Pemodelan 3d Kawasan Cagar Budaya Menggunakan Fotogrametri Jarak Dekat Kombinasi Data Foto Terestris Dan Foto Udara (Studi Kasus Kawasan Candi Sambisari - Yogyakarta). Universitas Gadjah Mada.

Atkinson, K.B., 1996. Close Range Photogrammetry and Machine Vision. Whittles Publishing. Scotland, UK.

Badenko, V., Fedotov, A., Zotov, D., Lytkin, S., Volgin, D., Garg, R. D., & Min, L. (2019). Scan-to- *BIM* methodology adapted for different application. *International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives*, *42*(5/W2), 1–7. https://doi.org/10.5194/isprs-archives-XLII-5-W2-1-2019

Barbosa, F., Woetzel, J., Mischke, J., Ribeirinho, M., Sridhar, M., & Parsons, M. (2017). A Route to Higher Productivity. Reinventing Construction.

Bedrick, J., Ikerd, W., & Reinhardt, J. (2021). Level of Development (LOD) Specification For Building Information Models Part I, Guide, & Commentary. Bim Forum, December, 1–275. www.bimforum.org/lod

Bello, S. A., Yu, S., Wang, C., Adam, J. M., & Li, J. (2020). Review: Deep learning on *3D point cloud*s. *Remote Sensing*, *12*(11). https://doi.org/10.3390/rs12111729

Czmoch, I., & Pękala, A. (2014). Traditional design versus *BIM* based design. In *Procedia Engineering* (Vol. 91, pp. 210–215). Elsevier Ltd. https://doi.org/10.1016/j.proeng.2014.12.048

Danurwendi, C., 2012, "Pemanfaatan Fotogrametri Rentang Dekat Dalam Bidang Arsitektur Lansekap (Studi Kasus : Campus Center Institut Teknologi Bandung)", Skripsi, Institut Teknologi Bandung, Jawa Barat.

Djojomartono, P. N., & Laksono, D. P. (2017). Diktat Mata Kuliah Fotogrametri I. 175. https://acadstaff.ugm.ac.id/karya_files/diktat-mata-kuiah-fotogrametri-i-90b03e21 b003344441b895ceb1819888/8da9f412-f6f8-11e9-9724-e4434b0aade8

Esfahani, M. E., Rausch, C., Sharif, M. M., Chen, Q., Haas, C., & Adey, B. T. (2021). Quantitative investigation on the accuracy and precision of Scan-to- *BIM* under different modelling scenarios. *Automation in Construction*, *126*, 103686. https://doi.org/10.1016/j.autcon.2021.103686

Fajariyanto, M. (2021). *Aplikasi Foto Udara UAV Untuk Permodelan Bangunan 3D yang Diintegrasikan dengan BIM*. Politeknik Negeri Bengkalis.

Furukawa, Y., Curless, B., Seitz, S. M., & Szeliski, R. (2010). Towards internet-scale multi-view stereo. Proceedings of the IEEE Computer Society Conference on Computer Vision and Pattern Recognition, 1434–1441. https://doi.org/10.1109/CVPR.2010.5539802

Gani, A., Kridalaksana, A. H., & Arifin, Z. (2019). Analisa Perbandingan Metode Simple Additive Weighting (SAW) Dan Weight Product (WP) Dalam Pemilihan Kamera Mirrorless. Informatika Mulawarman : Jurnal Ilmiah Ilmu Komputer, 14(2), 76–81.

Guo, Y., Wang, H., Hu, Q., Liu, H., Liu, L., & Bennamoun, M. (2020). Deep Learning for *3D point cloud*s: A Survey. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, 1–1. https://doi.org/10.1109/tpami.2020.3005434

Han, X. F., Jin, J. S., Wang, M. J., Jiang, W., Gao, L., & Xiao, L. (2017). A review of algorithms for filtering the *3D point cloud*. *Signal Processing: Image Communication*, *57*(November 2016), 103–112. https://doi.org/10.1016/j.image.2017.05.009

Hanifa, N. R., 2007, *Studi Penggunaan Kamera Digital Low-Cost Nonmetrik AutoFokus untuk Pemantauan Deformasi*, tesis, Institut Teknologi Bandung, Bandung.

Harwin, S., Lucieer, A., & Osborn, J. (2015). The impact of the calibration method on the accuracy of *point cloud*s derived using unmanned aerial vehicle multi-view ster*EOP*sis. Remote Sensing, 7(9), 11933–11953. https://doi.org/10.3390/rs70911933

Hossain, M. A., & Yeoh, J. K. W. (2018). *BIM* for Existing Buildings: Potential Opportunities and Barriers. *IOP* Conference Series: Materials Science and Engineering, 371(1). https://doi.org/10.1088/1757-899X/371/1/012051

Kang, H., & Song, J. (2017). Innovation and recurring shifts in industrial leadership: Three phases of change and persistence in the camera industry. Research Policy, 46(2), 376–387. https://doi.org/10.1016/j.respol.2016.09.004

Iglhaut, J., Cabo, C., Puliti, S., Piermattei, L., O'Connor, J., & Rosette, J. (2019). Structure from Motion Photogrammetry in Forestry: a Review. Current Forestry Reports, 5(3), 155–168. https://doi.org/10.1007/s40725-019-00094-3

Irwani, F. L. (2022). *Implementasi Scan to BIM (Building Information Modelling) Untuk Pemodelan Digital Twin Menggunakan Mobile Laser scanner Pada Konstruksi Jalan Tol Sumatera*. Universitas Gadjah Mada.

Jin, Z., Gambatese, J., Liu, D., & Dharmapalan, V. (2019). Using 4D *BIM* to assess

construction risks during the design phase. *Engineering, Construction and Architectural Management*, *26*(11), 2637–2654. https://doi.org/10.1108/ECAM-09-2018-0379

Koenderink, J. J., & van Doorn, A. J. (1991). Affine structure from motion. Journal of the Optical Society of America A, 8(2), 377. https://doi.org/10.1364/josaa.8.000377

Langar, S., & Bhansali, S. (2018). Building Information Modeling (BIM) Implementation In The Residential Sector. ID Proceedings Paper Presenter, November. https://www2.dcp.ufl.edu/cacim/wp-content/uploads/sites/22/2018/11/ProceedingsBIMAS2018a_2.pdf#page=66

Lin, Y.-C. 2014. Construction *3D BIM*-based knowledge management system: a case study, Journal of Civil Engineering and Management 20(2): 186–200. http://dx.doi.org/10.3846/13923730.2013.801887

Le, M. H., Cheng, C. H., Liu, D. G., & Nguyen, T. T. (2022). An Adaptive Group of Density Outlier Removal Filter: Snow Particle Removal from LiDAR Data. *Electronics (Switzerland)*, *11*(19), 1–18. https://doi.org/10.3390/electronics11192993

Leicht, D., Castro-Fresno, D., Dìaz, J., & Baier, C. (2020). Multidimensional construction planning and agile organized project execution-The 5D-PROMPT method. *Sustainability (Switzerland)*, *12*(16), 1–22. https://doi.org/10.3390/SU12166340

Liu, S., Zhang, M., Kadam, P., & Kuo, C.-C. J. (2021). *3D point cloud analysis : traditional, deep learning, and explainable machine learning methods*. Springer International Publishing.

Macher, Hélène, Landes, T., & Grussenmeyer, P. (2017). From *Point cloud*s to Building Information Models: 3D Semi-Automatic Reconstruction of Indoors of Existing Buildings. *Applied Sciences (Switzerland)*, *7*(10). https://doi.org/10.3390/app7101030

Mathew, S.J., 2008, *Close Range Photogrammetry*, Computer *Vision* : University of Texas at Arlington.

Meyer, T., Brunn, A., & Stilla, U. (2023). Geometric *BIM* Verification of Indoor Construction Sites By Photogrammetric *Point cloud*s And Evidence Theory. *ISPRS Journal of Photogrammetry and Remote Sensing*, *195*(September 2022). https://doi.org/10.1016/j.isprsjprs.2022.12.014

Montiel-Santiago, F. J., Hermoso-Orzáez, M. J., & Terrados-Cepeda, J. (2020). Sustainability and energy efficiency: *BIM* 6d. study of the *BIM* methodology applied to hospital buildings. value of interior lighting and daylight in energy simulation. *Sustainability (Switzerland)*, *12*(14), 1–29. https://doi.org/10.3390/su12145731

Mulia, D., & Handayani, H. H. (2014). Studi Fotogrametri Jarak Dekat Dalam Pemodelan 3D Dan Analisis Volume Objek. Geoid, 10(1), 32. https://doi.org/10.12962/j24423998.v10i1.687

Nag, S. (2017). *Image Registration Techniques: A Survey*. https://doi.org/10.17605/OSF.IO/RV65C

Nugrahini, Fibria Conytin. Permana, T. A. (2020). Building Information Modelling (*BIM*) dalam Tahapan Desain dan Konstruksi di Indonesia, Peluang Dan Tantangan (Studi Kasus Perluasan T1 Bandara Juanda Surabaya). 5(2). http://repository.um-surabaya.ac.id/5199/1/Building_Information_Modelling_(*BIM*).pdf

N *BIM* S (2012). "National *BIM* Standard - United States Version 2" National Institute of Building Sciences (NIBS) buildingSMART Alliance.

P. Tang, D. Huber, B. Akinci, R. Lipman, A. Lytle, Automatic reconstruction of as-built building information models from laser-scanned *point cloud*s: a review of related techniques, Autom. Constr. 19 (2010) 829–843, https://doi.org/10.1016/j.autcon.2010.06.007.

Putera, I. G. A. A. (2022). Manfaat *BIM* Dalam Konstruksi Gedung: Suatu Kajian Pustaka. *Jurnal Ilmiah Teknik Sipil*, *26*(1), 43–52. https://ojs.unud.ac.id/index.php/jits/article/downLOAd/89060/45741

Salleh, H., Ahmad, A. A., Abdul-Samad, Z., Alaloul, W. S., & Ismail, A. S. (2023). BIM Application in Construction Projects: Quantifying Intangible Benefits. Buildings, 13(6). https://doi.org/10.3390/buildings13061469

SDCCD. (2012). *San Diego Community College District BIM Standards for Architects , Engineers & Contractors*. 1–82. http://www.indiana.edu/~uao/iu *BIM*.html

Schenk, T. (2005). *Introduction to Photogrammetry*. http://gscphoto.ceegs.ohio-state.edu/courses/GeodSci410/docs/GS410_02.pdf

S.Nugroho, M., Brahmantara, Chaukab, N., & Wirawan, H. R. (2023). Basic Modeling Heritage Building Informantion Modeling. In *Universitas Negeri Yogyakarta*.

Tuttas, S., Braun, A., Borrmann, A., & Stilla, U. (2017). Acquisition and Consecutive Registration of Photogrammetric *Point cloud*s for Construction Progress Monitoring Using a 4D *BIM*. *Photogrammetrie, Fernerkundung, Geoinformation*, *85*(1), 3–15. https://doi.org/10.1007/s41064-016-0002-z

United-Bim Inc. (2022). A Practical Approach to Level of Detail (LOD). United-Bim.Com, practical approach to level of detail. https://www.united-bim.com/practical-approach-to-level-of-detail/#:~:text=The Level of Detail (LOD) is to define the amount,data associated with the objects.

USIBD. (2016). USIBD Level of Accuracy (LOA) Specification Guide. Document C120 - Version 2.0-2016.

Wolf, P.R., 1993, *Elemen Fotogrametri dengan Interpretasi Foto Udara dan Penginderaan Jauh*, Penerjemah: Gunadi, Gunawan, T., Zuharnen, Edisi kedua, Gadjah Mada University Press, Yogyakarta.

Xu, B., Zhang, L., Liu, Y., Ai, H., Wang, B., Sun, Y., Fan, Z., 2021. Robust hierarchical structure from motion for large-scale unstructured image sets. ISPRS J. Photogramm. Remote Sens. 181, 367–384. http://dx.doi.org/10.1016/j.isprsjprs.2021.09.019.