

DAFTAR PUSTAKA

- Abidin, H. Z. (1999). Pemanfaatan Teknologi GPS dalam Bidang Kehutanan. *Jurnal ITENAS*, 3(3).
- Abidin, H. Z. (2007). *Penentuan Posisi dengan GPS dan Aplikasinya*. PT Pradnya Paramita.
- Agisoft. (2018). *Agisoft PhotoScan User Manual Professional Edition, Version 1.4*.
https://www.agisoft.com/pdf/photoscan-pro_1_4_en.pdf
- American Society for Photogrammetry and Remote Sensing (ASPRS). (1989). *The American Society for Photogrammetry and Remote Sensing*.
- Andaru, R., Harintaka, Sidik, R., & Pancarka, R. A. (2023). Improving UAV Image Acquisition Efficiency and Orthophoto Positional Accuracy Without the Need for Ground Control Points for Cadastral Mapping. *Proceeding Geo-Land-Sea 2023*, 55–61.
- Andaru, R., Rau, J. Y., Syahbana, D. K., Prayoga, A. S., & Purnamasari, H. D. (2021). The Use of UAV Remote Sensing for Observing Lava Dome Emplacement and Areas of Potential Lahar Hazards: An Example from The 2017–2019 Eruption Crisis at Mount Agung in Bali. *Journal of Volcanology and Geothermal Research*, 415.
<https://doi.org/10.1016/j.jvolgeores.2021.107255>
- Bani, M. N. (2022). Analisis Kerapatan 3D Point Clouds pada UAV Fotogrametri. *Jurnal Qua Teknika*, 12(01), 45–57. <https://doi.org/10.35457/quateknika.v12i01.2107>
- Benassi, F., Dall'Asta, E., Diotri, F., Forlani, G., Morra di Cella, U., Roncella, R., & Santise, M. (2017). Testing Accuracy and Repeatability of UAV Blocks Oriented with GNSS-Supported Aerial Triangulation. *Remote Sensing*, 9(2), 172.
<https://doi.org/10.3390/rs9020172>
- Benjamin, A. R., O'Brien, D., Barnes, G., Wilkinson, B. E., & Volkmann, W. (2020). Improving Data Acquisition Efficiency: Systematic Accuracy Evaluation of GNSS-Assisted Aerial Triangulation in UAS Operations. *Journal of Surveying Engineering*, 146(1). [https://doi.org/10.1061/\(ASCE\)SU.1943-5428.0000298](https://doi.org/10.1061/(ASCE)SU.1943-5428.0000298)
- CHCNAV. (2023). *CHCNAV CoPre SW User Manual*.
- Chudley, T. R., Christoffersen, P., Doyle, S. H., Abellan, A., & Snooke, N. (2019). High-accuracy UAV photogrammetry of ice sheet dynamics with no ground control. *The Cryosphere*, 13(3), 955–968. <https://doi.org/10.5194/tc-13-955-2019>
- Cirillo, D., Cerritelli, F., Agostini, S., Bello, S., Lavecchia, G., & Brozzetti, F. (2022). Integrating Post-Processing Kinematic (PPK)–Structure-from-Motion (SfM) with Unmanned Aerial Vehicle (UAV) Photogrammetry and Digital Field Mapping for Structural Geological Analysis. *ISPRS International Journal of Geo-Information*, 11(8). <https://doi.org/10.3390/ijgi11080437>
- Daghigh, H., Tannant, D. D., Daghigh, V., Lichti, D. D., & Lindenbergh, R. (2022). A critical review of discontinuity plane extraction from 3D point cloud data of rock mass surfaces. *Computers & Geosciences*, 169, 105241.
<https://doi.org/10.1016/j.cageo.2022.105241>
- Diodemus, P., Wahyono, E., & Sufyandi, Y. (2020). Analisis Pemanfaatan Foto Udara Hasil Pemotretan Unmanned Aerial Vehicle (UAV) Tipe Post –Processed Kinematic (PPK) Untuk Pemetaan Topografi. *Seminar Nasional Geomatika 2020: Informasi Geospasial Untuk Inovasi Percepatan Pembangunan Berkelanjutan*.
- Forlani, G., Dall'Asta, E., Diotri, F., Cella, U. M. di, Roncella, R., & Santise, M. (2018). Quality Assessment of DSMs Produced from UAV Flights Georeferenced with On-Board RTK Positioning. *Remote Sensing*, 10(2), 311.
<https://doi.org/10.3390/rs10020311>

- Habib, A., & Pullivelli, A. (2006). Stability Analysis of Low-Cost Digital Cameras for Aerial Mapping Using Different Georeferencing Techniques. Dalam *The Photogrammetric Record* (Vol. 21, Nomor 113).
- Hanbudi, G., & Fauzi, E. (2022). Rekonstruksi Model 3D dari Set Citra Menggunakan Metode SFM-MVS dan Algoritma Poisson. *JURNAL MEDIA INFORMATIKA BUDIDARMA*, 6(3), 1304. <https://doi.org/10.30865/mib.v6i3.4126>
- Harfan A, Yudhatama D, & Bachrodin I. (2022). Pemanfaatan Metode Fotogrametri Untuk Pengukuran Garis Pantai dan Identifikasi Objek-Objek Tematik dengan Menggunakan Wahana UAV (Unmanned Aerial Vehicle) (Studi Kasus Pengukuran Garis Pantai di Pangkalan TNI AL Pondok Dayung). *Jurnal Chart Datum*, 5(1), 71–84.
- Hernanda, A., Azwar, & Putri, Y. E. (2022). Analisis Digital Elevation Model (DEM) Menggunakan ArcGIS 10.4.1 pada Kawasan Baturaja Permai. *Jurnal Mahasiswa Teknik Sipil*, 1(1), 30–36.
- Iglhaut, J., Cabo, C., Puliti, S., Piermattei, L., O'Connor, J., & Rosette, J. (2019). Structure from Motion Photogrammetry in Forestry: a Review. Dalam *Current Forestry Reports* (Vol. 5, Nomor 3, hlm. 155–168). Springer International Publishing. <https://doi.org/10.1007/s40725-019-00094-3>
- Indriayati, & Nugroho, R. (2014). Penggunaan Continuously Operating Reference System (CORS) di Bidang Pertanahan. *Jurnal Pertanahan*, 4(2), 35–52.
- Kholil, M., Ismanto, I., & Fu'ad, M. N. (2020). Rekontruksi Model 3D dari Banyak Gambar Menggunakan Algoritma Structure from Motion (SfM) dan Multi View Stereo (MVS) Berbasis Computer Vision. *Jurnal RESISTOR (Rekayasa Sistem Komputer)*, 3(2), 108–113. <https://s.id/jurnalresistor>
- Korumaz, S. A. G., & Yıldız, F. (2021). Positional Accuracy Assessment of Digital Orthophoto Based on UAV Images: An Experience on an Archaeological Area. *Heritage*, 4(3), 1304–1327. <https://doi.org/10.3390/heritage4030071>
- Langley, R. B. (1998). RTK GPS. *GPS World*, 9(9), 70–76.
- Miller, Z. M., Hupy, J., Chandrasekaran, A., Shao, G., & Fei, S. (2021). Application of Postprocessing Kinematic Methods with UAS Remote Sensing in Forest Ecosystems. *Journal of Forestry*, 119(5), 454–466. <https://doi.org/10.1093/jofore/fvab021>
- Otepka, J., Ghuffar, S., Waldhauser, C., Hochreiter, R., & Pfeifer, N. (2013). Georeferenced Point Clouds: A Survey of Features and Point Cloud Management. *ISPRS International Journal of Geo-Information*, 2(4), 1038–1065. <https://doi.org/10.3390/ijgi2041038>
- OXTS. (2016, Februari 23). *Why is an Inertial Navigation System (INS) Important for Unmanned Aerial Vehicle (UAV) Survey and Mapping Applications?* Oxford Technical Solutions Ltd.
- Pardo, C. N., Sabri, L. M., & Awaluddin, M. (2020). Analisis Akurasi Model 3 Dimensi Bangunan dari Foto Secara Tegak dan Miring (Studi Kasus: Gedung Fakultas Kedokteran Universitas Diponegoro). *Jurnal Geodesi Undip*, 9(1).
- Peraturan Badan Informasi Geospasial Nomor 6 Tahun 2018 tentang Perubahan atas Peraturan Kepala Badan Informasi Geospasial Nomor 15 Tahun 2014 tentang Pedoman Teknis Ketelitian Peta Dasar, Pub. L. No. 6 (2018).
- Peraturan Badan Informasi Geospasial Republik Indonesia Nomor 1 Tahun 2020 Tentang Standar Pengumpulan Data Geospasial Dasar Untuk Pembuatan Peta Dasar Skala Besar, Pub. L. No. 1 (2020). <https://peraturan.go.id/files/bn154-2020.pdf>
- Peraturan Kepala Badan Informasi Geospasial Nomor 15 Tahun 2014 tentang Pedoman Teknis Ketelitian Peta Dasar, Pub. L. No. 15 (2014).
- Permana, I. G. S. N. (2017). *Evaluasi Penggunaan Modul GPS Single Frequency untuk Penentuan Posisi Titik Eksposur Foto Udara*. Universitas Gadjah Mada.

- Pirti, A. (2021). Evaluating The Accuracy of Post-Processing Kinematic (PPK) Positioning Technique. *Geodesy and Cartography*, 47(2), 66–70. <https://doi.org/10.3846/gac.2021.12269>
- Prayogo, I. P. H., Manoppo, F. J., & Lefrandt, L. I. R. (2020). Pemanfaatan Teknologi Unmanned Aerial Vehicle (UAV) Quadcopter Dalam Pemetaan Digital (Fotogrametri) Menggunakan Kerangka Ground Control Point (GCP). *Jurnal Ilmiah Media Engineering*, 10(1), 47–58.
- Purwanto, T. H. (2017). Pemanfaatan Foto Udara Format Kecil untuk Ekstraksi Digital Elevation Model dengan Metode Stereoplotting. *Jurnal Majalah Geografi Indonesia*, 31(1), 73–89. <https://doi.org/https://doi.org/10.22146/mgi.24246>
- Pusat Jaring Kontrol Geodesi dan Geodinamika Badan Informasi Geospasial. (2023). *Sistem Referensi Geografis Indonesia*. <https://srgi.big.go.id/>
- Ramadhani, S. M. (2021). *Analisis Ketelitian Point Clouds Kombinasi Teknologi Terrestrial Laser Scanner dan Unmanned Aerial Vehicle (Studi Kasus: Dekanat Lama Fakultas Teknik)*. Universitas Diponegoro.
- Rokhmana, C. A., & Atunggal, D. (2016). Kajian Penggunaan GPS Modul pada Penentuan Posisi Exposure dalam Misi UAV. *FIT-ISI dan CGISE 2016*, 362–365.
- Sambodo, G. A. (2023). Perekaman Tiga Dimensi (3D) Benda Hasil Budaya Menggunakan Telepon Pintar: Studi Kasus Arca Dewi Laksmi di Madiun. *JANUS*, 1(1), 61–77. <https://doi.org/10.22146/janus.v1i1.6599>
- Shouny, A. El, Yakoub, N., & Hosny, M. (2017). Evaluating the Performance of Using PPK-GPS Technique in Producing Topographic Contour Map. *Marine Geodesy*, 40(4), 224–238. <https://doi.org/10.1080/01490419.2017.1321594>
- Susetyo, D. B., & Gularso, H. (2018). Analisis Akurasi Pemetaan Menggunakan Direct Georeferencing. *Jurnal Geomatika*, 24(2), 99–106. <https://doi.org/10.24895/JIG.2018.24-2.826>
- Suwardhi, D., Mukhlisin, M., Darmawan, D., Wahyu Trisyanti, S., & Suhartono, Y. (2016). Survey dan Pemodelan 3D (Tiga Dimensi) untuk Dokumentasi Digital Candi Borobudur. *Jurnal Konservasi Cagar Budaya Borobudur*, 10(2), 10–22.
- Syetiawan, A., & Ardhasari Lumban-Gaol, Y. (2016). Indonesia CORS Station Becoming Part of International GNSS Service. *Proceeding of the First International Conference on Technology, Innovation and Society*, 337–345. <https://doi.org/10.21063/ICTIS.2016.1052>
- Syetiawan, A., Gularso, H., Kusnadi, G. I., & Pramudita, G. N. (2020). Precise Topographic Mapping Using Direct Georeferencing in UAV. *IOP Conference Series: Earth and Environmental Science*, 500(1). <https://doi.org/10.1088/1755-1315/500/1/012029>
- Tamimi, R., & Toth, C. (2023). Assessing the Viability of PPK Techniques for Accurate Mapping with UAS. *International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives*, 48(1/W1-2023), 479–488. <https://doi.org/10.5194/isprs-archives-XLVIII-1-W1-2023-479-2023>
- Tempfli, K. (1991). DTM and Differential Modelling. Dalam P. R. T. Newby (Ed.), *Proceedings ISPRS and OEEPE Joint Workshop on Updating Digital Data by Photogrammetric Methods* (hlm. 193–200).
- VectorNav. (2024). *Advanced GNSS*. <https://www.vectornav.com/resources/inertial-navigation-primer/theory-of-operation/theory-advgnss>
- Wang, X., Wang, C., Liu, B., Zhou, X., Zhang, L., Zheng, J., & Bai, X. (2021). Multi-View Stereo in The Deep Learning Era: A Comprehensive Review. *Displays*, 70, 102102. <https://doi.org/10.1016/j.displa.2021.102102>

- Wardana, K. P. W., Subiyanto, S., & Hani'ah. (2019). Analisis Tinggi Tanaman Padi Menggunakan Model 3D Hasil Pemotretan UAV dengan Pengukuran Lapangan. *Jurnal Geodesi Undip*, 8(1), 378–387.
- Wolf, P. R. (1993). *Elemen Fotogrametri Dengan Interpretasi Foto Udara dan Penginderaan Jauh, Edisi kedua* (Kedua). Gadjah Mada University Press.
- Xue, X., Qin, H., & Lu, H. (2021). High-precision time synchronization of kinematic navigation system using GNSS RTK differential carrier phase time transfer. *Measurement*, 176, 109132. <https://doi.org/10.1016/j.measurement.2021.109132>
- Zayd, R. A. (2014). Analisa Bencana Tanah Longsor dengan Menggunakan UAV-Photogrammetry (Studi Kasus: Desa Ngrimbi, Kabupaten Jombang). *Jurnal Teknik POMITS*.
- Zhang, H., Aldana-Jague, E., Clapuyt, F., Wilken, F., Vanacker, V., & Van Oost, K. (2019). Evaluating The Potential of Post-Processing Kinematic (PPK) Georeferencing for UAV-Based Structure- from-Motion (SfM) Photogrammetry and Surface Change Detection. *Earth Surface Dynamics*, 7(3), 807–827. <https://doi.org/10.5194/esurf-7-807-2019>