

## DAFTAR PUSTAKA

- Abdirad, H., & Dossick, C. S. (2021). BIM and the construction supply chain: A systematic review of adoption barriers and enablers. *Automation in Construction*, 127, 103682.
- Ahmed, S., & Samad, Z. (2021). Digital transformation in construction progress monitoring: Challenges and solutions. *Automation in Construction*, 126, 103628.
- Ahmad, T., Aibinu, A. A., & Stephan, A. (2022). Benefits and challenges of BIM adoption in large construction organizations. *Automation in Construction*, 132, 103978.
- Ali, H., Aziz, R. F., & Mohamed, A. M. (2021). Performance measurement in construction project management using earned value management and BIM integration. *Journal of Construction Engineering and Management*, 147(3), 04021011.
- Dharmawan, R. D., Safarizki, H. A., & Firdausi, A. A. (2023). Evaluasi efektivitas keputusan addendum proyek terhadap waktu pekerjaan proyek berbasis Earned Value Method. *Jurnal Rekayasa Sipil dan Desain*, 12(1), 1–10.
- Doukari, O., Seck, B., & Greenwood, D. (2022). The Creation of Construction Schedules in 4D BIM: A Comparison of Conventional and Automated Approaches. *Buildings*, 12(8), 1145.
- Eastman, C., Teicholz, P., Sacks, R., & Liston, K. (2020). *BIM Handbook: A Guide to Building Information Modeling for Owners, Designers, Engineers, Contractors, and Facility Managers* (3rd ed.). Wiley.
- El Sibaii, M., Granja, J., & Azenha, M. (2025). An open and standards-compliant platform for product data templates in digital construction. *Journal of Information Technology in Construction (ITcon)*, 30, 679–710.
- Fazis, M., & Tugiah. (2022). Perencanaan proyek dan penjadwalan proyek. *Jurnal Sosial dan Teknologi (SOSTECH)*, 2(12), 1–10.
- Gupta, N., Patel, A., & Verma, H. (2023). Cloud-Based Dashboards for Construction Site Monitoring and Decision Support. *Journal of Construction Engineering and Management*, 149(4).
- International Organization for Standardization. (2018). *ISO 19650-1:2018 – Organization and digitization of information about buildings and civil*

*engineering works, including building information modelling (BIM) — Information management using building information modelling — Part 1: Concepts and principles.* Geneva: ISO.

Kementerian Pekerjaan Umum dan Perumahan Rakyat. (2018). *Peraturan Menteri Pekerjaan Umum dan Perumahan Rakyat Republik Indonesia Nomor 22/PRT/M/2018 tentang Pedoman Pembangunan Bangunan Gedung Negara*. Jakarta: Kementerian PUPR.

Kementerian Pekerjaan Umum dan Perumahan Rakyat. (2024). *SOP Implementasi Building Information Modeling (BIM)*. Pusat Data dan Teknologi Informasi (PUSDATIN), Kementerian PUPR.

Kementerian Pekerjaan Umum dan Perumahan Rakyat. (2024). *SOP Implementasi Building Information Modeling untuk Pembangunan Ibu Kota Nusantara (No. 164/SOP/BDI)*. Pusat Data dan Teknologi Informasi (PUSDATIN), Kementerian PUPR.

Kementerian Pekerjaan Umum dan Perumahan Rakyat (Pusat Data dan Teknologi Informasi). (2024, 17 Desember). *Penyampaian Pemutakhiran Data Hasil Survei Titik Kontrol IKN (Nota Dinas No. 461/ND/Sd/2024)*. Jakarta: Kementerian PUPR.

Koskela, L., Howell, G., & Ballard, G. (2020). Lean construction: A new philosophy for project delivery. *Lean Construction Journal*, 16(1), 1–14.

Kurniawan, N. D., Yulianto, T., Nugroho, M. W., & Sundari, T. (2024). Implementasi Building Information Modeling 4D sebagai project control pembangunan gedung 3 lantai. *Jurnal Ilmiah REAKTIP*, 4(1), 62–68.

Li, H., Guo, H., Skitmore, M., & Huang, T. (2021). Extending BIM to 4D/5D/6D/7D: A literature review and future directions. *Journal of Building Engineering*, 44, 103288.

Lim, S., Kang, C., & Kim, H. (2020). Real-time field data collection and progress monitoring in construction using mobile and BIM integration. *Automation in Construction*, 114, 103189.

Manjia, M. B., Pettang, C., & Nkeng, G. E. (2021). 4D BIM for construction logistics management. *CivilEng*, 2(2), 325–348.

Mohammed, Y. A., & Abourizk, S. (2020). Simulation-based analytics for construction project monitoring. *Journal of Construction Engineering and*

- Management*, 146(4), 04020019.
- Mudzakir, A.C., Setiawan, A., Wibowo, M.A., Khasani, R.R. (2022). Evaluasi waste dan implementasi Lean Construction pada proyek pembangunan gedung serbaguna Taruna Politeknik Ilmu Pelayaran Semarang. *Jurnal Teknik Sipil dan Perencanaan*, 12(1), 45–60.
- PT PP-BAP-NK KSO. (2024, 6 Desember). *Berita Acara Kegiatan Lapangan Joint Survey Pengukuran Kerangka Dasar Horizontal dan Vertikal*. (Dokumen Internal Proyek Pembangunan Hunian Vertikal 4 Tower TNI di IKN). IKN: PT PP-BAP-NK KSO.
- PT PP-BAP-NK KSO. (2024, 25 November). *BIM Execution Plan Proyek Hunian Vertikal 4 Tower TNI di IKN*. (Dokumen Internal Proyek Pembangunan Hunian Vertikal 4 Tower TNI di IKN). Jakarta: PT PP-BAP-NK KSO.
- Putri, R. D. O., Puspasari, V. H., & Simamora, Y. (2019). Analisis faktor penyebab, akibat, dan proses contract addendum proyek konstruksi jalan di Kota Palangka Raya. *Jurnal Teknika*, 2(2), 136–147.
- Rachmawati, S. (2022). Implementasi Konsep BIM 4D dalam Perencanaan Time Schedule dengan Analisis Resource Levelling (Studi Kasus: Proyek Pembangunan Gedung Fakultas Ilmu Kesehatan Universitas Jenderal Soedirman). *Tugas Akhir Sarjana, Universitas Islam Indonesia*, Yogyakarta.
- Rahman, I. A., Wang, C., & Shi, Q. (2022). Construction delay risk analysis: A review and future directions. *Automation in Construction*, 129, 103835.
- Risheh, A., Hosseini, M. R., & Chileshe, N. (2020). 4D BIM in construction: Drivers, barriers, and best practices. *Journal of Construction Engineering and Management*, 146(7), 04020100.
- Romlah, S. (2021). Penelitian Kualitatif dan Kuantitatif (Pendekatan Penelitian Kualitatif dan Kuantitatif). *Panca Wahana: Jurnal Studi Islam*, 16(1), 1–13.
- Sampaio, A. Z. (2022). Project management in office: BIM implementation. *Procedia Computer Science*, 196, 840–847
- Saputro, A. F., & Aufa, B. A. (2024). Penerapan konsep Building Information Modeling (BIM) dalam perencanaan estimasi biaya dan percepatan penjadwalan pada pekerjaan struktur (Studi Kasus Proyek Pembangunan Gedung Asrama Terpadu MAN 2 Kudus) [Tugas akhir, Universitas Islam Sultan Agung].

- Setiawan, B. (2024). Pendekatan Lean Construction dalam penggunaan sumber daya dalam proyek konstruksi. *Innovative: Journal of Social Science Research*, 4(4), 5311–5325.
- Setiyono, B. (2022). Analisis penjadwalan waktu dan biaya pelaksanaan konstruksi dengan penyesuaian perubahan anggaran akibat pandemi Covid-19 (Studi kasus pada proyek pembangunan Bendungan Randugunting) [Tesis magister, Universitas Islam Sultan Agung].
- Tran, S. V.-T., Khan, N., Lee, D., & Park, C. (2021). A hazard identification approach of integrating 4D BIM and accident case analysis of spatial-temporal exposure. *Sustainability*, 13(4), 2211.
- Undang-Undang Republik Indonesia Nomor 2 Tahun 2017 tentang Jasa Konstruksi.
- Vassena, G. P. M., Perfetti, L., Comai, S., Mastrolembo Ventura, S., & Ciribini, A. L. C. (2023). Construction progress monitoring through the integration of 4D BIM and SLAM-based mapping devices. *Buildings*, 13(10), 2488.
- Zaki, A., Rahman, R. A., & Ismail, N. (2023). Real-time construction progress tracking using integrated 4D BIM and dashboard platform. *Automation in Construction*, 140, 104478.
- Zhang, X., & Wang, Y. (2023). Digitalization of progress control in construction: An integrated framework with IoT and BIM. *Automation in Construction*, 147, 104689.