

DAFTAR PUSTAKA

- [1] F. F. Lokollo *et al.*, “Blue Carbon Potential of Mangrove Ecosystems and Its Management to Promote Climate Change Mitigation in Indonesia,” *J. Ilmu Kehutan.*, vol. 18, no. 2, pp. 208–218, Oct. 2024, doi: 10.22146/JIK.V18I2.11447.
- [2] J. Ilmu *et al.*, “Estimasi Cadangan Karbon Komunitas Mangrove Dusun Keranji, Desa Paremas, Lombok Timur,” vol. 5, no. 1, pp. 11–19.
- [3] Ardhi Prasetyo Utomo, Jamilah Okta Haerani, Rio Nur Ferdian, Risqika Paradise, and Denny Oktavina Radianto, “Pemaksimalan Fungsi Penanaman Mangrove di Daerah Rawan Abrasi Jakarta,” *J. Ilm. Nusant.*, vol. 1, no. 3, pp. 12–22, 2024, doi: 10.61722/jinu.v1i3.1502.
- [4] “Begini Kondisi Ekosistem Mangrove di Jakarta, Solusi Atasi Banjir Usungan Pramono-Rano.” Accessed: Oct. 31, 2025. [Online]. Available: <https://www.bisnis.com/read/20241117/638/1816703/begini-kondisi-ekosistem-mangrove-di-jakarta-solusi-atasi-banjir-usungan-pramono-rano>
- [5] T. W. G. F. Mafaziya Nijamdeen, J. Hugé, H. A. Ratsimbazafy, K. A. S. Kodikara, and F. Dahdouh-Guebas, “A social network analysis of mangrove management stakeholders in Sri Lanka’s Northern Province,” *Ocean & Coast. Manag.*, vol. 228, Sep. 2022, doi: 10.1016/J.OCECOAMAN.2022.106308.
- [6] D. Irmayanti, “Collaborative Strategies for Managing Mangrove Ecotourism: Raising Awareness and Stakeholder Participation in Sustainable Tourism,” *LONTAR J. Ilmu Komun.*, vol. 12, no. 2, Dec. 2024, doi: 10.30656/LONTAR.V12.I2.8744.
- [7] A. Setyoko, T. Rahardjo, and N. F. Anita, “EFFECTIVITY IMPROVEMENT OF HYBRID PROJECT MANAGEMENT WATER-SCRUM-FALL WITH SIX SIGMA IMPLEMENTATION,” *JITK (Jurnal Ilmu Pengetah. dan Teknol. Komputer)*, vol. 10, no. 1, pp. 124–131, Aug. 2024, doi: 10.33480/jitk.v10i1.5539.
- [8] Project Management Institute, *Project Management Institute, A Guide to the Project Management Body of Knowledge (PMBOK® Guide) 7th Edition*, 7th ed. Newton Square, PA: Project Management Institute, 2021.
- [9] A. Shah, ... G. T. S. E. &, and undefined 2025, “Effective Approaches and Challenges in Software Project Management,” *admin.mantechpublications.com*, 2025, Accessed: Sep. 27, 2025. [Online]. Available: <http://admin.mantechpublications.com/index.php/JoSEST/article/view/2086>
- [10] S. Fitz-Gerald, “Management information systems: managing the digital firm, 8th Edition: K.C. Laudon and J.P Laudon (Eds.); Prentice-Hall, New Jersey, 2004, price £42.99, ISBN 0-13-120681-8,” *Int. J. Inf. Manage.*, vol. 24, no. 2, pp. 194–196, Apr. 2004, doi: 10.1016/J.IJINFOMGT.2003.12.006.

- [11] L. Dolgova and H. Yamnenko, "USE OF INFORMATION SYSTEM TOOLS FOR AUTOMATION OF BUSINESS PROCESSES OF THE ENTERPRISE," *Econ. Anal.*, no. 31(2), pp. 90–97, 2021, doi: 10.35774/ECONA2021.02.090.
- [12] A. Setiawan, "Implementation of an Integrated Management Information System to Create Business Efficiency," *J. Data Sci.*, vol. 1, no. 02, pp. 68–73, Dec. 2023, doi: 10.58471/JDS.V1I02.3784.
- [13] Project Management Institute, *A Guide to The Project Management Body of Knowledge (PMBOK) 6th Edition*, 6th ed. Newton Square, PA: Project Management Institute, 2017.
- [14] A. A. Abdullah, Z. Abdul-Samad, H. Abdul-Rahman, and H. Salleh, "Project management methods, guides and standards: A critical overview," *juku.um.edu.my*, vol. 1, no. 1, pp. 35–51, 2021, Accessed: Sep. 27, 2025. [Online]. Available: <https://juku.um.edu.my/index.php/JPMP/article/view/30117>
- [15] M. Haque, M. Ibrahim, ... I. M.-... P. M., and undefined 2024, "A Review of Project Management Tools and Sustainability: Industry Applications," *papers.ssrn.com*, Accessed: Sep. 27, 2025. [Online]. Available: https://papers.ssrn.com/sol3/papers.cfm?abstract_id=4977362
- [16] S. Barman, ... P. G.-2024 I. 11th U., and undefined 2024, "Project Management Survey: A Review of Software Project Management Methodologies," *ieeexplore.ieee.org*, Accessed: Oct. 05, 2025. [Online]. Available: <https://ieeexplore.ieee.org/abstract/document/10983518/>
- [17] A. A. Chadee, R. Mahabir, K. S. Banerjee, S. Verma, and H. M. Azamathulla, "The causal nature of adopting standardized project management body of knowledge (PMBOK) on construction projects," *Discov. Civ. Eng.*, vol. 2, no. 1, p. 168, Sep. 2025, doi: 10.1007/s44290-025-00311-y.
- [18] A. ALazzawi, Q. M. Yas, and B. Rahmatullah, "A Comprehensive Review of Software Development Life Cycle methodologies: Pros, Cons, and Future Directions," *Iraqi J. Comput. Sci. Math.*, vol. 4, no. 4, pp. 173–190, 2023, doi: 10.52866/IJCSM.2023.04.04.014.
- [19] H. Mekkawati, T. Raharjo, and R. Yuniarti, "SYSTEMATIC LITERATURE REVIEW: CHALLENGES AND SOLUTIONS ON AGILE PROJECT MANAGEMENT IN PUBLIC SECTOR," *JITK (Jurnal Ilmu Pengetah. dan Teknol. Komputer)*, vol. 10, no. 2, pp. 449–460, Nov. 2024, doi: 10.33480/jitk.v10i2.5654.
- [20] J. Reiff, ... D. S. of information systems and project, and undefined 2022, "Hybrid project management—a systematic literature review," *revistas.uminho.pt*, vol. 10, no. 2, pp. 45–63, 2022, doi: 10.12821/ijispm100203.
- [21] Y. Henriquez and B. O’Toole, "Beyond the Waterfall: A Review of Project

- Management Methodologies in STEM,” pp. 1–16, 2024, Accessed: Sep. 27, 2025. [Online]. Available: https://digitalscholarship.unlv.edu/eed_ug_research/1/
- [22] M. C. Egie, “Project Management Maturity Level and PMBOK 7th Recommendations: Case Study of an IT Service Provider Company,” *Indones. J. Comput. Sci.*, vol. 13, no. 4, Aug. 2024, doi: 10.33022/ijcs.v13i4.4290.
- [23] “PMBOK Guide | Project Management Institute.” Accessed: Oct. 19, 2025. [Online]. Available: <https://www.pmi.org/standards/pmbok>
- [24] A. K. Nalendra, “Rapid Application Development (RAD) model method for creating an agricultural irrigation system based on internet of things,” *IOP Conf. Ser. Mater. Sci. Eng.*, vol. 1098, no. 2, p. 022103, 2021, doi: 10.1088/1757-899x/1098/2/022103.
- [25] A. Saravanos and M. X. Curinga, “Simulating the Software Development Lifecycle: The Waterfall Model,” *Appl. Syst. Innov.*, vol. 6, no. 6, Nov. 2023, doi: 10.3390/asi6060108.
- [26] S. Takkar, A. Rayat, V. Sharma, ... T. S.-... and I. (IC3I, and undefined 2024, “Problems and optimal methodologies agile project management solution in publicly accessible sector: a comprehensive evaluation of the literature,” *ieeexplore.ieee.org*, Accessed: Sep. 27, 2025. [Online]. Available: <https://ieeexplore.ieee.org/abstract/document/10828832/>
- [27] N. K. Al Ghanmi and N. S. M. Jamail, “Integrating scrum development process with ux design flow,” *Bull. Electr. Eng. Informatics*, vol. 9, no. 6, pp. 2630–2636, Dec. 2020, doi: 10.11591/eei.v9i6.2484.
- [28] R. Budiman, T. R.-... on Computing, undefined Engineering, and undefined 2022, “Scrum project management challenges and solutions: Systematic literature review,” *ieeexplore.ieee.org*, Accessed: Sep. 27, 2025. [Online]. Available: <https://ieeexplore.ieee.org/abstract/document/10010471/>
- [29] A. Sassa, I. de Almeida, ... T. P.-... J. of A., and undefined 2023, “Scrum: A systematic literature review,” *search.proquest.com*, Accessed: Sep. 27, 2025. [Online]. Available: <https://search.proquest.com/openview/8312b24e2d9eb9f1395c6add68f59ea/1?pq-origsite=gscholar&cbl=5444811>
- [30] F. Z. Eddoug, R. Benabbou, and J. Benhra, “Lean and agile project management knowledge areas: a systematic literature review,” *inderscienceonline.com*, vol. 17, no. 4, pp. 502–534, 2024, doi: 10.1504/IJASM.2024.142129.
- [31] R. Alnanih, “Enhancing Usability: A Grounded Theory Approach-based Scrum Framework for Mobile Application Design,” in *Procedia Computer Science*, Elsevier B.V., 2024, pp. 162–170. doi: 10.1016/j.procs.2024.08.023.
- [32] V. S. -, D. M. -, and K. D. -, “Impact of Hospital Information Systems on

- Operational Efficiency: A Pre and Post Integration Analysis,” *Int. J. Multidiscip. Res.*, vol. 7, no. 1, Feb. 2025, doi: 10.36948/IJFMR.2025.V07I01.37706.
- [33] G. Chakravorty, B. Ramachandra Reddy, and D. A. Khan, “Analyzing the quantitative impact of hybrid work model on critical success factors in scrum-based agile software,” *Int. J. Syst. Assur. Eng. Manag.*, vol. 15, no. 11, pp. 5343–5355, Nov. 2024, doi: 10.1007/s13198-024-02539-w.
- [34] A. M. Iqbal, I. T. Setiadi, and S. Samidi, “Project Management on Network and Security Development using the PMBOK Method,” *J. Sisfokom (Sistem Inf. dan Komputer)*, vol. 13, no. 2, pp. 245–252, Jun. 2024, doi: 10.32736/sisfokom.v13i2.2131.
- [35] O. C. Resmi Rachmawati, D. K. Wardani, W. M. Fatihia, A. Fariza, and H. Rante, “Implementing Agile Scrum Methodology in The Development of SICITRA Mobile Application,” *J. RESTI*, vol. 7, no. 1, pp. 41–50, 2023, doi: 10.29207/resti.v7i1.4688.
- [36] M. Žáček, A. Hamplová, J. Tyrychtr, and I. Vrana, “Improvements for the Planning Process in the Scrum Method,” *Appl. Sci. 2025, Vol. 15, Page 202*, vol. 15, no. 1, p. 202, Dec. 2024, doi: 10.3390/APP15010202.
- [37] H. D. Harfianto, T. Raharjo, B. Hardian, and A. Wahbi, “Agile transformation challenges and solutions in bureaucratic government: a systematic literature review,” *dl.acm.org*, pp. 12–19, Jan. 2022, doi: 10.1145/3512676.3512679.
- [38] J. Leong, K. May Yee, O. Baitsegi, L. Palanisamy, and R. K. Ramasamy, “Hybrid Project Management between Traditional Software Development Lifecycle and Agile Based Product Development for Future Sustainability,” *Sustain.*, vol. 15, no. 2, Jan. 2023, doi: 10.3390/su15021121.
- [39] ... K. A.-2025 5th I. and undefined 2025, “Factors that Affect the Adoption of the Hybrid Project Management Approach: A Systematic Literature Review,” *ieeexplore.ieee.org*, Accessed: Oct. 05, 2025. [Online]. Available: <https://ieeexplore.ieee.org/abstract/document/10963277/>
- [40] M. Křivánková, D. R.-I. C. on A. Software, and U. 2023, “Real-Life Water-Scrum-Fall: Insights from Large Companies in Czech Republic,” *Springer*, vol. 475 LNBIP, pp. 183–192, 2023, doi: 10.1007/978-3-031-33976-9_12.
- [41] P. (Dr. . P. S. Kayande, P. (Dr. . P. S. Kayande, and M. S. Phadnis, “‘A Study on the Software Development Life Cycle–Waterfall Model’ at a Aviation Management Consultant,” *Indian J. Softw. Eng. Proj. Manag.*, vol. 4, no. 1, pp. 1–20, Jan. 2024, doi: 10.54105/ijsepm.A9019.014124.
- [42] K. Yudhikusuma, P. Munanda, T. Raharjo, and P. Munandar, “Agile adoption challenges in insurance: a systematic literature and expert review,” *iaesprime.com*, vol. 4, no. 3, pp. 268–278, 2023, doi: 10.11591/csit.v4i3.pp268-278.
- [43] N. Yahya, A. Salam, ... S. M.-2024 9th I., and undefined 2024, “Hybrid

- Agile Model, the Synergy of Waterfall Model and Scrum in a Software Project,” *ieeexplore.ieee.org*, Accessed: Oct. 20, 2025. [Online]. Available: <https://ieeexplore.ieee.org/abstract/document/10809639/>
- [44] M. Shokouhi, M. B.-P. in E. Science, and undefined 2025, “An overview of the aspects of sustainability in project management,” *Elsevier*, Accessed: Sep. 27, 2025. [Online]. Available: <https://www.sciencedirect.com/science/article/pii/S2950425224000483>
- [45] A. Μπομπότα, “A theoretical and empirical comparative analysis of waterfall, agile and hybrid project management methods in digital projects: the case of consolut.,” *dspace.lib.uom.gr*, Accessed: Oct. 20, 2025. [Online]. Available: <https://dspace.lib.uom.gr/handle/2159/29724>
- [46] D. APĂFĂIAN, E. Maria-Diana, ... L. M.-R. of M., and undefined 2023, “RESEARCH ON THE AGILE AND WATERFALL APPROACHES IN IMPROVEMENT PROJECTS,” *rmee.org*, Accessed: Oct. 20, 2025. [Online]. Available: <https://www.rmee.org/index.php/pub/article/view/26>
- [47] H. Yang and D. Wang, “Application of Lean–Agile Hybrid Methods in Complex Construction Project Management,” *Buildings*, vol. 15, no. 13, Jul. 2025, doi: 10.3390/buildings15132349.
- [48] I. David, R. G.-W. I. R. Data, and undefined 2025, “Using Machine Learning for Systematic Literature Review Case in Point: Agile Software Development,” *Wiley Online Libr.*, vol. 15, no. 1, p. 1569, Mar. 2025, doi: 10.1002/WIDM.1569.
- [49] N. Yahya and S. S. Maidin, “Hybrid agile development phases: The practice in software projects as performed by software engineering team,” *Indones. J. Electr. Eng. Comput. Sci.*, vol. 29, no. 3, pp. 1738–1749, 2023, doi: 10.11591/ijeecs.v29.i3.pp1738-1749.
- [50] N. Yahya, ... S. M.-I. C. on C. and I., and undefined 2022, “The Waterfall Model with Agile Scrum as the Hybrid Agile Model for the Software Engineering Team,” *ieeexplore.ieee.org*, Accessed: Oct. 20, 2025. [Online]. Available: <https://ieeexplore.ieee.org/abstract/document/9936036/>
- [51] D. Adamantiadou, L. T.- Computers, and undefined 2025, “Leveraging artificial intelligence in project management: A systematic review of applications, challenges, and future directions,” *mdpi.com*, Accessed: Sep. 27, 2025. [Online]. Available: <https://www.mdpi.com/2073-431X/14/2/66>
- [52] M. Baby, “Hybrid agile in software engineering: a systematic literature review,” 2024, Accessed: Oct. 20, 2025. [Online]. Available: <https://oulurepo.oulu.fi/handle/10024/49631>
- [53] M. Fidyawan, T. R.-T. I. J. of C. Science, and undefined 2023, “A Systematic Review of the Aspects and Benefits Agile Project Management Innovation,” *ijcs.net*, vol. 12, no. 6, pp. 2023–3406, Accessed: Sep. 27, 2025. [Online]. Available: <http://ijcs.net/ijcs/index.php/ijcs/article/view/3531>
- [54] G. F. Frederico, “Project Management for Supply Chains 4.0: A conceptual

- framework proposal based on PMBOK methodology,” *Oper. Manag. Res.*, vol. 14, no. 3–4, pp. 434–450, Dec. 2021, doi: 10.1007/s12063-021-00204-0.
- [55] D. D. de O. Gatto, J. R. G. Evangelista, R. C. Da Silva, and R. J. Sassi, “Six Sigma methodology based on the PMBOK guide in the release management process in software developer enterprise,” *Cuad. Educ. y Desarro.*, vol. 15, no. 10, pp. 10574–10600, Oct. 2023, doi: 10.55905/cuadv15n10-035.
- [56] P. Kodagoda, “Project Management Information system success and structures,” 2025, Accessed: Sep. 27, 2025. [Online]. Available: <https://osuva.uwasa.fi/handle/10024/19483>
- [57] O. Nikiforova, K. Babris, ... M. M.-... S. E., and undefined 2025, “Key Artefacts in the Initial Phases of IT Project Management: Systematic Mapping Study,” *scitepress.org*, vol. 12, no. 6, pp. 2023–3406, Accessed: Sep. 27, 2025. [Online]. Available: <https://www.scitepress.org/Papers/2025/134710/134710.pdf>
- [58] F. Ruiz-Lopez, J. Ortiz-Hernandez, E. Bonjour, J. P. Micaelli, and Y. Hernández, “Systematic Literature Review of Project Management Maturity Models,” *Program. Comput. Softw.*, vol. 50, no. 8, pp. 771–785, Dec. 2024, doi: 10.1134/S0361768824700750/METRICS.
- [59] I. Setiana and Yunizar, “The Effect of Scrum Implementation and Agile Organization on Project Productivity Mediated by Team Experience,” *J. Ilm. Manaj. Kesatuan*, vol. 13, no. 5, pp. 3725–3734, Aug. 2025, doi: 10.37641/JIMKES.V13I5.3798.
- [60] E. da Costa Carvalho and S. Ronaldo Bezerra Oliveira, “Software Project Management Approaches Used in the Context of Agile Development: A Systematic Literature Mapping,” *Springer*, vol. 1829 CCIS, pp. 70–92, 2023, doi: 10.1007/978-3-031-36597-3_4.
- [61] J. F. Ruiz-Lopez, J. Ortiz-Hernández, E. Bonjour, J. Micaelli, and M. Ya Hernández, “Project management maturity models: systematic review,” *mathnet.ru*, doi: 10.15514/ISPRAS-2024-36(6)-5.
- [62] F. S. Valadares, ... N. S. M.-I., and undefined 2024, “Identification of the Main Traditional Project Management Methods Through a Systematic Literature Review.,” *search.ebscohost.com*, Accessed: Sep. 27, 2025. [Online]. Available: <https://search.ebscohost.com/login.aspx?direct=true&profile=ehost&scope=site&authtype=crawler&jrnl=2158107X&AN=178397309&h=25mZDI3lWye5%2Fwf%2BfF0A4JmukdzF3uYkFPyp65ITNNPkmRyWCtz3%2F5qBzYQpaH3A42Tgi4pAwdNepTANjYO%2Bvg%3D%3D&crl=c>
- [63] H. Kerzner, *Strategic Planning for Project Management using a Project Management Maturity Model*. Canada, 2019.
- [64] D. S. Adamantiadou and L. Tsironis, “Leveraging Artificial Intelligence in Project Management: A Systematic Review of Applications, Challenges, and

Future Directions,” *Computers*, vol. 14, no. 2, Feb. 2025, doi: 10.3390/COMPUTERS14020066.

- [65] M. Pilliang, M. M.-K. I. J. Ilmu, and undefined 2022, “Risk management in software development projects: A systematic literature review,” *journals.ums.ac.id*, vol. 8, no. 1, 2022, Accessed: Sep. 27, 2025. [Online]. Available: <https://journals.ums.ac.id/index.php/khif/article/view/17488>
- [66] J. Pereira, J. Varajão, N. Takagi, J. Pereira, and J. Varajão, “Evaluation of Information Systems Project Success – Insights from Practitioners Evaluation of Information Systems Project Success – Insights from Practitioners,” *Inf. Syst. Manag.*, vol. 39, no. 2, pp. 138–155, 2022, doi: 10.1080/10580530.2021.1887982.