

DAFTAR PUSTAKA

- Abdillah, F. (2024). *Peran perguruan tinggi dalam meningkatkan kualitas sumber daya manusia di Indonesia*. <https://j-educa.org/index.php/educazione/article/view/4>
- Adams, R., Bessant, J., & Phelps, R. (2006). Innovation management measurement: A review. *International Journal of Management Reviews*, 8(1), 21–47.
- Alfarizi, M., Hanum, R. K., & Jane, A. F. (2023). Quadruple helix sebagai prinsip desain smart village dalam pengembangan desa di Indonesia. <https://pdfs.semanticscholar.org/ce50/badae76dbceb7e94f3356340cc300cbd94f7.pdf>
- Anatan, L. (2015). Kolaborasi universitas–industri: Tinjauan konseptual mekanisme transfer pengetahuan. https://media.neliti.com/media/publications/112537-ID-kolaborasi-universitas_industri-tinjauan.pdf
- Asheim, B. T., & Gertler, M. (2005). *The geography of innovation*. Oxford University Press.
- Astuti, W., Permana, C. T. H., & Mukaromah, H. (2024). Peran organisasi berbasis masyarakat dalam inovasi keberlanjutan komunitas UMKM menuju kota cerdas. *Jurnal Pembangunan Wilayah dan Kota*, 20(4).
- Autio, E., & Thomas, L. D. W. (2014). Innovation ecosystems. In M. Dodgson, D. Gann, & N. Phillips (Eds.), *The Oxford handbook of innovation management* (pp. 204–288). Oxford University Press.
- Badan Pusat Statistik Provinsi Jawa Timur. (2024). *Provinsi Jawa Timur dalam angka 2024*. BPS Jatim.
- Badan Riset dan Inovasi Daerah Provinsi Jawa Timur. (2023). *Laporan kinerja dan basis data inovasi daerah 2023*. BRIDA Jawa Timur.
- Badan Riset dan Inovasi Daerah Provinsi Jawa Timur. (2024). *Dokumen program inovasi daerah dan kegiatan innovation pitching 2024*. BRIDA Jawa Timur.
- Badan Riset dan Inovasi Nasional. (2021). *Peraturan Presiden Nomor 38 Tahun 2021 tentang Badan Riset dan Inovasi Nasional*. BRIN.
- Badan Riset dan Inovasi Nasional. (2022). *Laporan tahunan BRIN 2022: Penguatan hilirisasi riset dan inovasi*. BRIN.
- Badan Riset dan Inovasi Nasional. (2023). *Sistem nasional ilmu pengetahuan, teknologi, dan inovasi (Sinan IPTEKIN)*. BRIN.
- Badan Riset dan Inovasi Nasional Republik Indonesia. (2024). *Peraturan BRIN Nomor 9 Tahun 2024 tentang tata kelola pendanaan riset dan inovasi*. <https://peraturan.bpk.go.id/Download/370274/peraturan%20brin%20nomor%209%20tahun%202024.pdf>
- Baker, S. R., Bloom, N., & Davis, S. J. (2016). Measuring economic policy uncertainty. *Quarterly Journal of Economics*, 131(4), 1593–1636.
- Carayannis, E. G., & Campbell, D. F. (2009). “Mode 3” and “Quadruple Helix”: Toward a

21st century fractal innovation ecosystem. *International Journal of Technology Management*, 46(3–4), 201–234.

- Carayannis, E. G., & Campbell, D. F. (2014). Developed democracies versus emerging autocracies: Arts, democracy, and innovation in Quadruple Helix innovation systems. *Journal of Innovation and Entrepreneurship*, 3(1), 12.
- Carayannis, E. G., & Campbell, D. F. (2021). Democracy of climate and climate for democracy. *Journal of the Knowledge Economy*, 12(4), 2050–2082.
- Doğan, B., Tiwari, S., Bergougui, B., Ghosh, S., & Balsalobre-Lorente, D. (2025). Green innovation and fiscal spending. *Sustainable Development*.
- Edquist, C. (2011). Design of innovation policy through diagnostic analysis. *Industrial and Corporate Change*, 20(6), 1725–1753.
- Etzkowitz, H., & Leydesdorff, L. (2000). The dynamics of innovation. *Research Policy*, 29(2), 109–123.
- Granstrand, O., & Holgersson, M. (2020). Innovation ecosystems. *Technovation*, 90, 102098.
- Hernández-Trasobares, A., & Murillo-Luna, J. L. (2020). The effect of triple helix cooperation. *Technological Forecasting and Social Change*, 161, 120296.
- Howells, J. (2006). Intermediation and the role of intermediaries in innovation. *Research Policy*, 35(5), 715–728.
- Indonesian Business Council. (2025). *Unlocking billions in innovation*. <https://business-council.id/press-release/unlocking-billions-in-innovation-how-industry-and-universities-can-power-indonesias-future/>
- Inkpen, A. C., & Tsang, E. W. (2005). Social capital, networks, and knowledge transfer. *Academy of Management Review*, 30(1), 146–165.
- Jayanti, W. E. (2011). Dampak kampus Universitas Negeri Semarang. <https://media.neliti.com/media/publications/280351-dampak-kampus-universitas-negeri-semaran-1f2a1b8f.pdf>
- Jaya, M. A., et al. (2018). Analisis faktor keberhasilan SDM startup. <https://media.neliti.com/media/publications/172902-ID-analisis-faktor-keberhasilan-sdm-startup.pdf>
- Kementerian Dalam Negeri. (2020). *Pedoman umum penyusunan kebijakan inovasi daerah*.
- Kementerian Dalam Negeri Republik Indonesia. (2023). *Peraturan Menteri Dalam Negeri Nomor 7 Tahun 2023*. <https://peraturan.bpk.go.id/Details/261103/permendagri-no-7-tahun-2023>
- Kementerian Investasi dan Hilirisasi/BKPM. (2025). *Satu data Kementerian Investasi dan Hilirisasi/BKPM*. <https://data.bkpm.go.id/home>
- Kementerian Pendidikan Tinggi, Sains, dan Teknologi Republik Indonesia. (2025a). *Panduan program hilirisasi riset prioritas – SINERGI*.

- Kementerian Pendidikan Tinggi, Sains, dan Teknologi Republik Indonesia. (2025b). *Peraturan Menteri Pendidikan Tinggi, Sains, dan Teknologi Nomor 40 Tahun 2025*.
- Kementerian Riset dan Teknologi Republik Indonesia. (2019). *Roadmap hilirisasi riset dan inovasi nasional*.
- Laksono, M. A., Setiawan, R., & Pasaribu, N. (2025). Digital transformation in the Islamic economy. *Journal of Islamic Economy*, 2(1), 86–100.
- Mazzucato, M. (2018). Mission-oriented innovation policies. *Industrial and Corporate Change*, 27(5), 803–815.
- Organisation for Economic Co-operation and Development. (2018). *OECD science, technology and innovation outlook 2018*. OECD Publishing.
- Organisation for Economic Co-operation and Development. (2020). *Commercialising innovation*. OECD Publishing.
- Organisation for Economic Co-operation and Development. (2021). *Regions and innovation*. OECD Publishing.
- Pemerintah Republik Indonesia. (2017). *Peraturan Pemerintah Nomor 38 Tahun 2017 tentang inovasi daerah*. <https://peraturan.bpk.go.id/Details/51722>
- Tech in Asia. (2025). *Laporan startup dan industri teknologi Indonesia: Kuartal I/2025*. <https://id.techinasia.com/laporan-startup-teknologi-kuartal-i-2025>
- United Nations Development Programme. (2022). *Innovation for sustainable development in Asia-Pacific*. UNDP.
- World Bank. (2020). *Innovation policy platform*. World Bank.
- World Economic Forum. (2019). *The global competitiveness report 2019*. World Economic Forum.
- Zhang, H. (2022). Innovation complementarity and SME performance. *Journal of Innovation & Knowledge*, 7(3), 100192.
- Zheng, X., & Cai, Y. (2022). Transforming innovation systems. *Sustainability*, 14(12), 7520.