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DAFTAR PUSTAKA

Ablaza, C., Western, M., & Tomaszewski, W. (2021). *Good jobs and bad jobs for Indonesia's informal workers. International Labour Review, 160*(1), 143–168. https://doi.org/10.1111/ilr.12167

A'la, K. A., & Thalita, B. C. (2025). Mapping regional economic resilience of Indonesian provinces through PCA and K-Means analysis. *Proceedings of ICDSOS*, 2025(1), 647–660.

Anselin, L. (1995). Local indicators of spatial association—LISA. *Geographical Analysis*, 27(2), 93–115. https://doi.org/10.1111/j.1538-4632.1995.tb00338.x

Anselin, L. (2020). Tobler's law in a multivariate world. *Geographical Analysis*, 52(4), 493–517. https://doi.org/10.1111/gean.12237

Antonescu, D., & Ciocănel, B. (2018). Territorial resilience: An economic perspective. *Journal of Urban and Landscape Planning*, 3, 51–60. https://doi.org/10.54508/JULP.03.05

B20 Global Institute. (2023). *Tracking R&D expenditure across G20 nations*. https://www.b20globalinstitute.org/tracking_r&D_expenditure_across_G20_nations

Badan Perencanaan Pembangunan Nasional. (2018). *Analisis kesenjangan antarwilayah: Pembangunan pusat pertumbuhan baru*. Bappenas.

Badan Pusat Statistik. (2020). *Keadaan ketenagakerjaan Indonesia Agustus 2020*. BPS. https://www.bps.go.id

Badan Pusat Statistik. (2023). *Berita resmi statistik: Pertumbuhan ekonomi Indonesia triwulan II-2023*. BPS. https://www.bps.go.id

Badan Pusat Statistik. (2023). *Indeks pembangunan manusia 2023*. BPS. https://www.bps.go.id

Badan Pusat Statistik. (2024). *Indeks pembangunan manusia 2024*. BPS. https://www.bps.go.id

Badan Pusat Statistik. (2024). *Keadaan ketenagakerjaan Indonesia*. BPS. https://www.bps.go.id

Badan Pusat Statistik. (2024). *Produk domestik regional bruto provinsi-provinsi di Indonesia menurut lapangan usaha 2019–2023*. BPS. https://www.bps.go.id

Bank Indonesia. (2008). *Laporan perekonomian Indonesia tahun 2008*. Bank Indonesia. https://www.bi.go.id/id/publikasi/laporan/Pages/lpi_2008.aspx

Bank Indonesia. (2020, November). *Pertumbuhan ekonomi Indonesia triwulan IV 2020 melanjutkan perbaikan* [Siaran pers]. https://www.bi.go.id/id/publikasi/ruang-media/news-release/Pages/sp_233321.aspx

Bappenas & World Bank. (2024). *Indonesia economic prospects: Unlocking Indonesia's potential*. World Bank Group.

Barca, F. (2009). *An agenda for a reformed cohesion policy: A place-based approach to meeting European Union challenges and expectations*. European Commission.

UNIVERSITAS
GADJAH MADA
Disparitas dan Ketergantungan Spasial Ketahanan Ekonomi Regional Indonesia: Analisis Berbasis Principal Component Analysis dan Local Moran pada 34 Provinsi Tahun 2010-2025
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Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

Barca, F. (2012). Endogenous development in a global world. *Journal of Regional Science, 52*(1). https://doi.org/10.1111/j.1467-9787.2011.00756.x

Boschma, R. (2015). Towards an evolutionary perspective on regional resilience. *Regional Studies, 49*(5), 733–751. https://doi.org/10.1080/00343404.2014.959481

Brada, J. C., Kutan, A. M., & Yigit, T. M. (2021). Economic resiliency and *recovery*, lessons from the financial crisis for the COVID-19 pandemic: A regional perspective from Central and Eastern Europe. *International Review of Financial Analysis, 76*, Article 101658. https://doi.org/10.1016/j.irfa.2021.101658

Bristow, G., & Healy, A. (2014). Regional resilience: An agency perspective. *Regional Studies, 48*(5), 923–935. https://doi.org/10.1080/00343404.2013.854879

Bristow, G., & Healy, A. (2015). Crisis response, choice and resilience: Insights from complexity thinking. *Cambridge Journal of Regions, Economy and Society, 8*(2), 241–256. https://doi.org/10.1093/cjres/rsv002

Bustos, P., Caprettini, B., & Ponticelli, J. (2021). Agricultural productivity and structural transformation: Evidence from Brazil. *Regional Science and Urban Economics, 91*, Article 103658. https://doi.org/10.1016/j.regsciurbeco.2021.103658

Caldara, D., Iacoviello, M., Molligo, P., Prestipino, A., & Raffo, A. (2020). The economic effects of trade policy uncertainty. *Journal of Monetary Economics, 109*, 38–59.

Callahan, C. W., & Mankin, J. S. (2023). Persistent effect of El Niño on global economic growth. *Science, 380*(6649), 1064–1069. https://doi.org/10.1126/science.adf2983

Capello, R., & Nijkamp, P. (Eds.). (2009). *Handbook of regional growth and development theories*. Edward Elgar.

Christopherson, S., Michie, J., & Tyler, P. (2010). Regional resilience: Theoretical and empirical perspectives. *Cambridge Journal of Regions, Economy and Society, 3*(1), 3–10. https://doi.org/10.1093/cjres/rsq004

Common, M., & Perrings, C. (1992). Towards an ecological economics of sustainability. *Ecological Economics, 6*(1), 7–34.

Comola, M., & de Mello, L. (2011). How does decentralized minimum wage setting affect employment and informality? The case of Indonesia. *Review of Income and Wealth, 57*(S1), S79–S99.

Crescenzi, R., Luca, D., & Milio, S. (2016). The geography of the economic crisis in Europe: Unemployment, agglomeration and regional resilience. *Regional Studies, 50*(7), 1189–1209. https://doi.org/10.1080/00343404.2015.1100283

Crespo, J., Boschma, R., & Balland, P. A. (2017). *Relatedness, diversification and the evolutionary dynamics of regional economies* (Papers in Evolutionary Economic Geography No. 14.09). Utrecht University.

Creswell, J. W., & Creswell, J. D. (2018). *Research design: Qualitative, quantitative, and mixed methods approaches* (5th ed.). SAGE Publications.

UNIVERSITAS
GADJAH MADA
Disparitas dan Ketergantungan Spasial Ketahanan Ekonomi Regional Indonesia: Analisis Berbasis Principal Component Analysis dan Local Moran pada 34 Provinsi Tahun 2010-2025
Nidaul Firdausy Akyun, Dr. Anggi Rahajeng, S.E., M.Ec.
Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

Cuadrado-Roura, J. R., García-Tabuenca, A., & Zubiría, J. L. (2016). Unbalanced regional resilience to the economic crisis in Spain: A tale of specialisation and productivity. *Cambridge Journal of Regions, Economy and Society*, *9*(1), 153–178. https://doi.org/10.1093/cjres/rsv034

Cutter, S. L., Barnes, L., Berry, M., Burton, C., Evans, E., Tate, E., & Webb, J. (2008). A place-based model for understanding community resilience to natural disasters. *Global Environmental Change*, *18*(4), 598–606.

D'Ambrosio, A., & Migheli, M. (2025). Regional resilience through the lenses of the capability approach. *Journal of Evolutionary Economics*. https://doi.org/10.1007/s00191-025-00915-8

Di Caro, P. (2023). The role of Cohesion Policy for sustaining the resilience of European regional labour markets during different crises. *The Annals of Regional Science*, *71*(3), 677–706. https://doi.org/10.1007/s00168-023-01233-2

Diodato, F., & Weterings, A. B. R. (2015). The resilience of regional labour markets to economic shocks: Exploring the role of interactions among firms and workers. *Journal of Economic Geography*, *15*(4), 723–742. https://doi.org/10.1093/jeg/lbu030

Diodato, M. J. T. F., & Weterings, A. B. R. (2017). Sectoral diversification as insurance against economic instability. *Journal of Regional Science*, *57*(3), 443–468. https://doi.org/10.1111/jors.12349

Evenhuis, E. (2017). The political economy of adaptation and resilience in old industrial regions. *Cambridge Journal of Regions, Economy and Society*, *10*(3), 537–554. https://doi.org/10.1093/cjres/rsx017

Fauzi, M. R., Rustiadi, E., & Mulatsih, S. (2019). Ketimpangan, pola spasial, dan kinerja pembangunan wilayah di Provinsi Jawa Timur. *Journal of Regional and Rural Development Planning*, *3*(3), 170–185. https://doi.org/10.29244/jp2wd.2019.33.170-185

Field, A. (2013). *Discovering statistics using IBM SPSS statistics* (4th ed.). SAGE Publications.

Fingleton, B., Garretsen, H., & Martin, R. (2012). Recessionary shocks and regional employment: Evidence on the resilience of UK regions. *Journal of Regional Science*, *52*(1), 109–133.

Firdaus, M., & Yusop, Z. (2019). Model pertumbuhan ekonomi Indonesia: Peranan ketergantungan spasial. *Jurnal Ekonomi dan Pembangunan Indonesia*, *19*(1), 62–83. https://doi.org/10.21002/jepi.v19i1.810

Folke, C., Carpenter, S., Elmqvist, T., Gunderson, L. H., Holling, C. S., & Walker, B. (2002). Resilience and sustainable development: Building adaptive capacity in a world of transformations. *Ambio, 31(*5), 437–440.

Fujita, M., Krugman, P., & Venables, A. J. (1999). *The spatial economy: Cities, regions and international trade*. MIT Press.

Giannakis, E., & Bruggeman, A. (2017). Determinants of regional resilience to economic crisis: A European perspective. *European Planning Studies*, *25*(8), 1394–1415. https://doi.org/10.1080/09654313.2017.1319464

UNIVERSITAS
GADJAH MADA
Disparitas dan Ketergantungan Spasial Ketahanan Ekonomi Regional Indonesia: Analisis Berbasis Principal Component Analysis dan Local Moran pada 34 Provinsi Tahun 2010-2025
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Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

Giannakis, E., Bruggeman, A., & Mamuneas, T. P. (2024). Regional economic resilience, productivity growth and sectoral interconnectedness. *Papers in Regional Science*, *103*, Article 100010. https://doi.org/10.1016/j.pirs.2024.100010

Gibson, J., & Suryahadi, A. (2020). Direct and indirect effects of COVID-19 on life expectancy and poverty in Indonesia. *Bulletin of Indonesian Economic Studies, 56*(3), 289–311. https://doi.org/10.1080/00074918.2020.1847244

Hair, J. F., Black, W. C., Babin, B. J., & Anderson, R. E. (2019). *Multivariate data analysis* (8th ed.). Cengage Learning.

Harris, J. R., & Todaro, M. P. (1970). Migration, unemployment and development: A two-sector analysis. *The American Economic Review, 60*(1), 126–142. http://www.jstor.org/stable/1807860

Haryanto, T., Santoso, R., & Sasongko, S. (2021). The impact of industrial development zones designation on the convergence of economic growth in East Java. *Applied Economics*, *53*(47), 5480–5494. https://doi.org/10.1080/00036846.2021.1931002

Hill, H. (2020). Indonesian living standards over 50 years: A multidimensional analysis. *Asian Economic Journal*, *34*(3), 249–274. https://doi.org/10.1111/asej.12221

Hill, H., & Wie, T. K. (2019). *The Indonesian economy in transition*. ISEAS Publishing. https://doi.org/10.1355/9789814843102

Hirschman, A. O. (1958). *The strategy of economic development*. Yale University Press.

Holling, C. S. (1973). Resilience and stability of ecological systems. *Annual Review of Ecology and Systematics*, *4*, 1–23. https://doi.org/10.1146/annurev.es.04.110173.000245

Holling, C. S. (1996). Engineering resilience versus ecological resilience. In P. Schulze (Ed.), *Engineering within ecological constraints* (pp. 31–44). National Academy Press.

Holling, C. S., & Walker, B. (2003). *Resilience defined* [Entry]. Internet Encyclopedia of Ecological Economics. https://isecoeco.org/pdf/resilience.pdf

Hotelling, H. (1933). Analysis of a complex of statistical variabels into principal components. *Journal of Educational Psychology*, *24*(6), 417–441.

Hu, X., & Hassink, R. (2020). Regional resilience in times of a pandemic crisis: The case of COVID-19 in China. *Tijdschrift voor Economische en Sociale Geografie*, *111*(3), 497–512. https://doi.org/10.1111/tesg.12447

Hu, X., Yang, J., & Li, C. (2023). Shock absorber and shock diffuser: The multiple roles of industrial diversity in shaping regional economic resilience after the Great Recession. *The Annals of Regional Science, 71*(2), 423–453. https://doi.org/10.1007/s00168-023-01191-9

Huang, J., Li, Q., Du, M., & Chen, X. (2023). Spatial and temporal variation of economic resilience and its drivers: Evidence from Chinese cities. *Frontiers in Environmental Science, 11*, Article 1109857. https://doi.org/10.3389/fenvs.2023.1109857

UNIVERSITAS
GADJAH MADA
Disparitas dan Ketergantungan Spasial Ketahanan Ekonomi Regional Indonesia: Analisis Berbasis Principal Component Analysis dan Local Moran pada 34 Provinsi Tahun 2010-2025
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Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

Ishikawa, D., Kikuchi, Y., & Saito, T. (2016). Why has economic growth slowed down in Indonesia? An investigation into the Indonesian business cycle using an estimated DSGE model. *Journal of Asian Economics, 45*, 14–33. https://doi.org/10.1016/j.asieco.2016.06.003

Ji, Q., Liu, B. Y., & Fan, Y. (2019). Risk dependence of CoVaR and structural change between oil prices and exchange rates: A time-varying copula model. *Energy Economics, 77*, 80–92.

Kaiser, H. F. (1974). An index of factorial simplicity. *Psychometrika, 39*(1), 31–36.

Kose, M. A., Nagle, P., Ohnsorge, F., & Sugawara, N. (2020). *Global recessions* (Policy Research Working Paper No. 9172). World Bank. https://doi.org/10.1596/1813-9450-9172

Krugman, P. (1991). *Geography and trade*. MIT Press.

Krugman, P. (2011). The new economic geography, now middle-aged. *Regional Studies, 45*(1), 1–7. https://doi.org/10.1080/00343404.2011.537127

Kurniawan, R., & Mendez, C. (2024). The spatial dimension of convergence in Indonesia: A distribution dynamics approach. *Regional Studies, 58*(7), 1403–1420. https://doi.org/10.1080/00343404.2023.2260450

Lagakos, D. (2021). Rural electrification, migration and structural transformation: Evidence from Ethiopia. *Regional Science and Urban Economics, 91*, Article 103713. https://doi.org/10.1016/j.regsciurbeco.2021.103713

Lee, G. H. Y., & Parasnis, J. (2014). Discouraged workers in developed countries and added workers in developing countries? Unemployment rate and labour force participation. *Economic Modelling, 41*, 90–98. https://doi.org/10.1016/j.econmod.2014.04.005

Manning, C. (2000). Labour market adjustment to Indonesia's economic crisis: Context, trends and implications. *Bulletin of Indonesian Economic Studies, 36*(1), 105–136. https://doi.org/10.1080/00074910012331337803

Mardiana, R., Juanda, B., & Firdaus, M. (2023). Regional inequality, human capital, unemployment, and economic growth in Indonesia: Panel regression approach. *Cogent Economics & Finance, 11*(2), Article 2251803. https://doi.org/10.1080/23322039.2023.2251803

Martin, R. (2012). Regional economic resilience, hysteresis and recessionary shocks. *Journal of Economic Geography, 12*(1), 1–32. https://doi.org/10.1093/jeg/lbr019

Martin, R., & Sunley, P. (2015). On the notion of regional economic resilience: Conceptualization and explanation. *Journal of Economic Geography, 15*(1), 1–42. https://doi.org/10.1093/jeg/lbu015

Martin, R., Sunley, P., Gardiner, B., & Tyler, P. (2016). How regions react to recessions: Resilience and the role of economic structure. *Regional Studies, 50*(4), 561–585. https://doi.org/10.1080/00343404.2015.1136410

Mayor, M., & Ramos, R. (2020). Regions and economic resilience: *New perspectives. Sustainability, 12*(11), 4693. https://doi.org/10.3390/su12114693

UNIVERSITAS
GADJAH MADA
Disparitas dan Ketergantungan Spasial Ketahanan Ekonomi Regional Indonesia: Analisis Berbasis Principal Component Analysis dan Local Moran pada 34 Provinsi Tahun 2010-2025
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Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

Mendez, C., & Kataoka, M. (2020). Disparities in regional productivity, capital accumulation, and efficiency across Indonesia: A club convergence approach. *Review of Development Economics, 24*(3), 1014–1037. https://doi.org/10.1111/rode.12726

Mendez, C., & Santos-Marquez, F. (2022). Social and economic convergence across districts in Indonesia: A spatial econometric approach. *Bulletin of Indonesian Economic Studies, 58*(3), 289–315. https://doi.org/10.1080/00074918.2022.2071415

Moran, P. A. P. (1950). Notes on continuous stochastic phenomena. *Biometrika, 37*(1–2), 17–23. https://doi.org/10.2307/2332142

Myrdal, G. (1957). Economic theory and under-developed regions. Gerald Duckworth & Co.

Naafs, S. (2018). Youth aspirations and employment in provincial Indonesia: A view from the lower middle classes. *Children's Geographies, 16*(1), 53–65. https://doi.org/10.1080/14733285.2017.1350634

Nardo, M., Saisana, M., Saltelli, A., & Tarantola, S. (2008). *Handbook on constructing composite indicators: Methodology and user guide*. OECD Publishing.

Nasution, B. I., Kurniawan, R., Siagian, T. H., & Fudholi, A. (2020). Revisiting social vulnerability analysis in Indonesia: An optimized spatial fuzzy clustering approach. *International Journal of Disaster Risk Reduction, 51*, Article 101801. https://doi.org/10.1016/j.ijdrr.2020.101801

Pearson, K. (1901). On lines and planes of closest fit to systems of points in space. *Philosophical Magazine, 2*(11), 559–572.

Perroux, F. (1955). Note sur la notion de pôle de croissance. *Économie Appliquée, 8*, 307–320.

Pimm, S. L. (1984). The complexity and stability of ecosystems. *Nature, 307*, 321–326. https://doi.org/10.1038/307321a0

Pontarollo, N., & Serpieri, C. (2018). *A composite policy tool to measure territorial resilience capacity* (EUR 29200 EN, JRC111389). Publications Office of the European Union. https://doi.org/10.2760/40371

Pontarollo, N., & Serpieri, C. (2020). A composite policy tool to measure territorial resilience capacity. *Socio-Economic Planning Sciences, 70,* Article 100669. https://doi.org/10.1016/j.seps.2018.11.006

Prasetyo, P. E., Kistanti, N. R., & Setyadharma, A. (2021). A scientific review to formulate model of economic resilience in Indonesia based on three types of variabels. *Academy of Strategic Management Journal, 20*(S3), 1–11.

Pratomo, D. S. (2016). How does the minimum wage affect employment statuses of youths? Evidence of Indonesia. *Journal of Economic Studies, 43(*2), 259–274. https://doi.org/10.1108/JES-07-2014-0131

Rizzi, P., Graziano, P., & Dallara, A. (2018). A capacity approach to territorial resilience: The case of European regions. *The Annals of Regional Science, 60*(2), 285–328. https://doi.org/10.1007/s00168-017-0854-1

UNIVERSITAS
GADJAH MADA
Disparitas dan Ketergantungan Spasial Ketahanan Ekonomi Regional Indonesia: Analisis Berbasis Principal Component Analysis dan Local Moran pada 34 Provinsi Tahun 2010-2025
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Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

Rosenthal, S. S., & Strange, W. C. (2020). How close is close? The spatial reach of agglomeration economies. *Journal of Economic Perspectives, 34*(3), 27–52. https://doi.org/10.1257/jep.34.3.27

Rustiadi, E., Pravitasari, A. E., Priatama, R. A., Singer, J., Junaidi, J., Zulgani, Z., & Sholihah, R. I. (2023). Connectivity and regional development in Eastern Indonesia: Challenges and opportunities. *IOP Conference Series: Earth and Environmental Science, 1264*(1), Article 012038. https://doi.org/10.1088/1755-1315/1264/1/012038

Schipper, E. L. F., & Langston, L. (2015). *A comparative overview of resilience measurement frameworks: Analysing indicators and approaches* (ODI Working Paper No. 422). Overseas Development Institute.

Sekaran, U., & Bougie, R. (2016). *Research methods for business: A skill building approach* (7th ed.). John Wiley & Sons.

Subadra, I N. (2021). Pariwisata budaya dan pandemi Covid-19: Memahami kebijakan pemerintah dan reaksi masyarakat Bali. *Jurnal Kajian Bali (Journal of Bali Studies), 11*(1), 1–22. https://doi.org/10.24843/JKB.2021.v11.i01.p01

Suryadarma, D., Suryahadi, A., & Sumarto, S. (2007). Measuring unemployment in developing countries: The case of Indonesia. *LABOUR, 21*(3), 551–570. https://doi.org/10.1111/j.1467-9914.2007.00374.x

Suryahadi, A., Al Izzati, R., & Suryadarma, D. (2020). Estimating the impact of COVID-19 on poverty in Indonesia. *Bulletin of Indonesian Economic Studies, 56*(2), 175–192. https://doi.org/10.1080/00074918.2020.1779390

Suryahadi, A., Hadiwidjaja, G., & Sumarto, S. (2012). Economic growth and poverty reduction in Indonesia before and after the Asian financial crisis. *Bulletin of Indonesian Economic Studies, 48*(2), 209–227. https://doi.org/10.1080/00074918.2012.694155

Sutton, J., Arcidiacono, A., Torrisi, G., & Arku, R. N. (2023). Regional economic resilience: A scoping review. *Progress in Planning, 181*, Article 100761. https://doi.org/10.1016/j.progress.2023.100761

Tabachnick, B. G., & Fidell, L. S. (2019). *Using multivariate statistics* (7th ed.). Pearson.

Tambunan, T. (2017). Long-term economic development and employment changes: The Indonesian experience. *Social Change, 47*(4), 541–565. https://doi.org/10.1177/0049085717730267

Tobler, W. R. (1970). A computer movie simulating urban growth in the Detroit region. *Economic Geography, 46*(Suppl.), 234–240. https://doi.org/10.2307/143141

Todaro, M. P. (1976). Urban job expansion, induced migration and rising unemployment: A formulation and simplified empirical test for LDCs. *Journal of Development Economics, 3*(3), 211–225. https://doi.org/10.1016/0304-3878(76)90049-3

Walker, B., Holling, C. S., Carpenter, S. R., & Kinzig, A. (2004). Resilience, adaptability and transformability in social–ecological systems. *Ecology and Society, 9*(2), Article 5. http://www.ecologyandsociety.org/vol9/iss2/art5/

UNIVERSITAS
GADJAH MADA
Disparitas dan Ketergantungan Spasial Ketahanan Ekonomi Regional Indonesia: Analisis Berbasis Principal Component Analysis dan Local Moran pada 34 Provinsi Tahun 2010-2025
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Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

Wang, Z., & Wei, W. (2021). Regional economic resilience in China: Measurement and determinants. *Regional Studies, 55*(7), 1228–1239. https://doi.org/10.1080/00343404.2021.1872779

Watson, P., & Deller, S. (2022). Tourism and economic resilience. *Tourism Economics, 28*(5), 1193–1215. https://doi.org/10.1177/1354816621990943

World Bank. (2020). *Global economic prospects*, June 2020. World Bank. https://doi.org/10.1596/978-1-4648-1553-9

World Commission on Environment and Development. (1987). *Our common future*. Oxford University Press.

Zaman, M. B., Vanany, I., & Awaluddin, K. D. (2015). Connectivity analysis of port in Eastern Indonesia. *Procedia Earth and Planetary Science, 14*, 140–147. https://doi.org/10.1016/j.proeps.2015.07.092

Zhang, M., Peng, C., Shu, J., & Lin, Y. (2022). Territorial resilience of metropolitan regions: A conceptual framework, recognition methodologies and planning response—A case study of Wuhan metropolitan region. *International Journal of Environmental Research and Public Health, 19*(4), Article 1914. https://doi.org/10.3390/ijerph19041914