

DAFTAR PUSTAKA

- Ahmed, Z., Wang, Z., Mahmood, F., Hafeez, M., & Ali, N. (2019). Does globalization increase the ecological footprint? Empirical evidence from Malaysia. *Environmental Science and Pollution Research*, 26(18), 18565–18582. <https://doi.org/10.1007/s11356-019-05224-9>
- Alvarado, R., Tillaguango, B., Murshed, M., Ochoa-Moreno, S., Rehman, A., Işık, C., & Alvarado-Espejo, J. (2022). Impact of the informal economy on the ecological footprint: The role of urban concentration and globalization. *Economic Analysis and Policy*, 75, 750–767. <https://doi.org/10.1016/j.eap.2022.07.001>
- Antweiler, W., Copeland, B. R., & Taylor, M. S. (2001). Is Free Trade Good for the Environment? *American Economic Review*, 91(4), 877–908. <https://doi.org/10.1257/aer.91.4.877>
- Ardizzi, G., Petraglia, C., Piacenza, M., & Turati, G. (2014). Measuring the Underground Economy with the Currency Demand Approach: A Reinterpretation of the Methodology, With an Application to Italy. *Review of Income and Wealth*, 60(4), 747–772. <https://doi.org/10.1111/roiw.12019>
- Attiaoui, I., Toumi, H., Ammouri, B., & Gargouri, I. (2017). Causality links among renewable energy consumption, CO2 emissions, and economic growth in Africa: Evidence from a panel ARDL-PMG approach.

Environmental Science and Pollution Research, 24(14), 13036–13048.

<https://doi.org/10.1007/s11356-017-8850-7>

Baijou, M., Ahmed, T., Haj Youssef, M., & Kraus, S. (2026). Uneven Contributions: Informal Entrepreneurship and Sustainability in the Global South. *Business Strategy and the Environment*, (n/a).

<https://doi.org/10.1002/bse.70607>

Bakry, W., Nghiem, X.-H., Farouk, S., & Vo, X. V. (2023). Does it hurt or help? Revisiting the effects of ICT on economic growth and energy consumption: A nonlinear panel ARDL approach. *Economic Analysis and Policy*, 78, 597–617. <https://doi.org/10.1016/j.eap.2023.03.026>

Baksi, S., & Bose, P. (2010). *Environmental Regulation in the Presence of an Informal Sector* (Departmental Working Papers) [Working paper]. The University of Winnipeg, Department of Economics. <https://EconPapers.repec.org/RePEc:win:winwop:2010-03>

Bélaïd, F., & Youssef, M. (2017). Environmental degradation, renewable and non-renewable electricity consumption, and economic growth: Assessing the evidence from Algeria. *Energy Policy*, 102, 277–287. <https://doi.org/10.1016/j.enpol.2016.12.012>

Breusch, T. S., & Pagan, A. R. (1980). Lagrange Multiplier Test and its Applications to Model Specification in Econometrics. *The Review of Economic Studies*, 47(1), 239–253.

Butt, S., FAISAL, F., Chohan, M. A., Ali, A., & Ramakrishnan, S. (2024). Do Shadow Economy and Institutions Lessen the Environmental Pollution?

- Evidence from Panel of ASEAN-9 Economies. *Journal of the Knowledge Economy*, 15(1), 4800–4828. <https://doi.org/10.1007/s13132-023-01217-9>
- Chaudhuri, S., & Mukhopadhyay, U. (2006). Pollution and Informal Sector: A Theoretical Analysis. *Journal of Economic Integration*, (Center for Economic Integration, Sejong University).
- Chu, L. K., & Hoang, D. P. (2022). The shadow economy-environmental quality nexus in OECD countries: Empirical evidence from panel quantile regression. *Environmental Science and Pollution Research*, 29(43), 65233–65258. <https://doi.org/10.1007/s11356-022-20410-y>
- Copeland, B. R. (2013). Trade and the Environment. Dalam D. Bernhofen, R. Falvey, D. Greenaway, & U. Kreickemeier (Ed.), *Palgrave Handbook of International Trade* (hlm. 423–496). Palgrave Macmillan UK. https://doi.org/10.1007/978-0-230-30531-1_15
- Danish, Zhang, B., Wang, B., & Wang, Z. (2017). Role of renewable energy and non-renewable energy consumption on EKC: Evidence from Pakistan. *Journal of Cleaner Production*, 156, 855–864. <https://doi.org/10.1016/j.jclepro.2017.03.203>
- Dietz, T., & Rosa, E. A. (1994). *Rethinking the Environmental Impacts of Population, Affluence and Technology*. 277–300.
- Elgin, C., Kose, M. A., Ohnsorge, F., & Yu, S. (2021). *Understanding Informality*. https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3914265
- Elgin, C., & Oztunali, O. (2012). Shadow Economies Around the World: Model Based Estimates. *Working Paper No. 2012/05*.

- Elgin, C., & Öztunalı, O. (2014a). Environmental Kuznets Curve for the Informal Sector of Turkey (1950-2009). *Panoeconomicus*, 61(4), 471–485.
<https://doi.org/10.2298/PAN1404471E>
- Elgin, C., & Öztunalı, O. (2014b). *Pollution and Informal Economy* (SSRN Scholarly Paper No. 2682504). Social Science Research Network.
<https://papers.ssrn.com/abstract=2682504>
- Famanta, M., Randhawa, A. A., & Yajing, J. (2024). The impact of green FDI on environmental quality in less developed countries: A case study of load capacity factor based on PCSE and FGLS techniques. *Heliyon*, 10(7), e28217. <https://doi.org/10.1016/j.heliyon.2024.e28217>
- Global Footprint Network. (2026). *Ecological Footprint*. Global Footprint Network. <https://www.footprintnetwork.org/our-work/ecological-footprint/>
- Grossman, G. M., & Krueger, A. B. (1991). *Environmental Impacts of a North American Free Trade Agreement*. <https://papers.ssrn.com/abstract=232073>
- Gujarati, D. N. (2003). *Basic Econometrics*. McGraw-Hill.
- Hardi, I., Afjal, M., Can, M., Idroes, G. M., Noviandy, T. R., & Idroes, R. (2024). Shadow economy, energy consumption, and ecological footprint in Indonesia. *Sustainable Futures*, 8, 100343.
<https://doi.org/10.1016/j.sftr.2024.100343>
- Hasan, M. A., Voumik, L. C., Mozumder, A. I., Esquivias, M. A., Verteramo-Chiu, L., & Das, M. K. (2025). Role of governance index, democracy, industrialization, and urbanization on environmental sustainability of BRICS countries: A novel PMG-ARDL approach. *Social*

Sciences & Humanities Open, 11, 101242.

<https://doi.org/10.1016/j.ssaho.2024.101242>

Hatipoglu, O., & Ozbek, G. (2011). On the political economy of the informal sector and income redistribution. *European Journal of Law and Economics*, 32, 69–87.

Hausman, J. A. (1978). *Specification Tests in Econometrics on JSTOR*. 46(1978), 1251–1271. <https://doi.org/10.2307/1913827>

Holtz-Eakin, D., Newey, W., & Rosen, H. S. (1988). Estimating Vector Autoregressions with Panel Data. *Econometrica*, 56(6), 1371–1395. <https://doi.org/10.2307/1913103>

ILO. (2025). *ILO report spotlights innovative approaches to tackle informality in Asia and the Pacific*. <https://www.ilo.org/resource/article/ilo-report-spotlights-innovative-approaches-tackle-informality-asia-and>

Imamoglu, H. (2018). Is the informal economic activity a determinant of environmental quality? *Environmental Science and Pollution Research*, 25(29), 29078–29088. <https://doi.org/10.1007/s11356-018-2925-y>

Kao, C., & Chiang, M.-H. (2000). On the Estimation and Inference of a Cointegrated Regression in Panel Data. *Advances in Econometrics*, (15), 179-222.

Kofi Asravor, R., Akosua Arthur, L., Acheampong, V., Lamptey, C., & Yeboah, M. (2023). Domestic debt sustainability and economic growth: Evidence

from Ghana. *Research in Globalization*, 7, 100144.

<https://doi.org/10.1016/j.resglo.2023.100144>

Köksal, C., Işık, M., & Katircioğlu, S. (2020). The role of shadow economies in ecological footprint quality: Empirical evidence from Turkey.

Environmental Science and Pollution Research, 27(12), 13457–13466.

<https://doi.org/10.1007/s11356-020-07956-5>

Kongbuamai, N., Bui, Q., & Nimsai, S. (2025). Shadow Economy and the Ecological Footprint Nexus: The Implication of Foreign Direct Investment

in ASEAN Countries. *Economies*, 13(9), 258.

<https://doi.org/10.3390/economies13090258>

Kusi, B. A. (2023). Exploring the nonlinear effect of shadow economies on sustainable development in Africa: Does the level of financial market

development matter? *Journal of Financial Economic Policy*, 15(6),

551–572. <https://doi.org/10.1108/JFEP-06-2023-0146>

Kuznets, S. (1955). Economic Growth and Income Inequality. *The American Economic Review*, XLV.

Lan, K. C., & Hoang, D. P. (2022). The shadow economy-environmental quality nexus in OECD countries: Empirical evidence from panel quantile

regression. *Environmental Science and Pollution Research*.

<https://link.springer.com/article/10.1007/s11356-022-20410-y>

Le, T.-H., Chang, Y., & Park, D. (2016). Trade openness and environmental quality: International evidence. *Energy Policy*, 92, 45–55.

<https://doi.org/10.1016/j.enpol.2016.01.030>

- Li, Y., Chiu, Y., & Lin, T.-Y. (2019). *The Impact of Economic Growth and Air Pollution on Public Health in 31 Chinese Cities*.
<https://www.mdpi.com/1660-4601/16/3/393>
- M. Hashem Pesaran, Shin, Y., & Smith, R. J. (2001). Bounds Testing Approaches to the Analysis of Level Relationships. *Journal of Applied Econometrics*, Vol 16.
- Mehta, D., Patel, N., Joshi, N. A., & Patel, B. (2024). Impact of economic openness on government size in India. *International Journal of Sustainable Economy*, 16(1), 113–130.
<https://doi.org/10.1504/IJSE.2024.135192>
- Narayan, P. K. (2005a). The government revenue and government expenditure nexus: Empirical evidence from nine Asian countries. *Journal of Asian Economics*, 15(6), 1203–1216.
<https://doi.org/10.1016/j.asieco.2004.11.007>
- Narayan, P. K. (2005b). The saving and investment nexus for China: Evidence from cointegration tests. *Applied Economics*, 37(17), 1979–1990.
<https://doi.org/10.1080/00036840500278103>
- Narayan, P. K., & Popp, S. (2010). A new unit root test with two structural breaks in level and slope at unknown time. *Journal of Applied Statistics*, 37(9), 1425–1438. <https://doi.org/10.1080/02664760903039883>
- Nkengfack, H., Kaffo Fotio, H., & Totouom, A. (2021). How Does the Shadow Economy Affect Environmental Quality in Sub-Saharan Africa? Evidence

- from Heterogeneous Panel Estimations. *Journal of the Knowledge Economy*, 12(4), 1635–1651. <https://doi.org/10.1007/s13132-020-00685-7>
- Oltulula, S. (2025). *Modeling Water Productivity Within the Framework of Sustainability: Estimation of FMOLS, DOLS, and CCR Methods*. <https://doi.org/10.1177/21582440251381171>
- Pang, J., Li, N., Mu, H., & Zhang, M. (2021). Empirical analysis of the interplay between shadow economy and pollution: With panel data across the provinces of China. *Journal of Cleaner Production*, 285, 124864. <https://doi.org/10.1016/j.jclepro.2020.124864>
- Paramati, S. R., Mo, D., & Gupta, R. (2017). The effects of stock market growth and renewable energy use on CO2 emissions: Evidence from G20 countries. *Energy Economics*, 66, 360–371. <https://doi.org/10.1016/j.eneco.2017.06.025>
- Park, J. Y. (1992). Canonical Cointegrating Regressions. *Econometrica*, 60(1), 119–143. <https://doi.org/10.2307/2951679>
- Pedroni, P. (2004). Panel cointegration: Asymptotic and finite sample properties of pooled time series tests with an application to the PPP hypothesis. *Econometric Theory*, 20(03). <https://doi.org/10.1017/S0266466604203073>
- Pedroni, P. (2019). Panel Cointegration Techniques and Open Challenges. Dalam *Panel Data Econometrics* (hlm. 251–287). Academic Press. <https://doi.org/10.1016/B978-0-12-814367-4.00010-1>
- Pesaran, M. H. (2004). General Diagnostic Tests for Cross Section Dependence in Panels. *SSRN Electronic Journal*. <https://doi.org/10.2139/ssrn.572504>

- Pesaran, M. H. (2007). A simple panel unit root test in the presence of cross-section dependence. *J. Appl. Econ*, 22, 265–312.
- Pesaran, M. H., Shin, Y., & Smith, R. J. (2001). Bounds testing approaches to the analysis of level relationships. *Journal of Applied Econometrics*, 16(3), 289–326. <https://doi.org/10.1002/jae.616>
- Pesaran, M. H., Shin, Y., & Smith, R. P. (1999). Pooled Mean Group Estimation of Dynamic Heterogeneous Panels. *Journal of the American Statistical Association*, 94(446), 621–634. <https://doi.org/10.1080/01621459.1999.10474156>
- Phillips, P. C. B., & Hansen, B. E. (1990). Statistical Inference in Instrumental Variables Regression with I(1) Processes. *The Review of Economic Studies*, 57(1), 99–125. <https://doi.org/10.2307/2297545>
- Qayyum, U., Sabir, S., & Anjum, S. (2021). Urbanization, informal economy, and ecological footprint quality in South Asia. *Environmental Science and Pollution Research*, 28(47), 67011–67021. <https://doi.org/10.1007/s11356-021-15111-x>
- Rafiq, M. I., Banerjee, A., & Ribeiro-Navarrete, S. (2025). Investments, innovation and growth: A Panel-ARDL analysis of Southeast Asia's blue economy. *Review of Accounting and Finance*, 25(2), 227–247. <https://doi.org/10.1108/RAF-12-2024-0576>
- Saafi, S., Nourira, R., & Assidi, N. (2023). On the nonlinear relationships between shadow economy and the three pillars of sustainable development: New

evidence from panel threshold analysis. *Studies in Nonlinear Dynamics & Econometrics*, 27(3), 355–375. <https://doi.org/10.1515/snde-2021-0099>

Schneider, F., Buehn, A., & Montenegro, C. E. (2010a). New Estimates for the Shadow Economies all over the World. *International Economic Journal*, 24(4), 443–461. <https://doi.org/10.1080/10168737.2010.525974>

Schneider, F., Buehn, A., & Montenegro, C. E. (2010b). Shadow economies all over the world: New estimates for 162 countries from 1999 to 2007. *World Bank*, 1. <https://documents.worldbank.org/en/publication/documents-reports/documentdetail/311991468037132740>

Schneider, F., & Enste, D. H. (2000). Shadow Economies: Size, Causes, and Consequences. *Journal of Economic Literature*, 38(1), 77–114. <https://doi.org/10.1257/jel.38.1.77>

Singh, S., & Yadav, A. (2021). *Interconnecting the environment with economic development of a nation*. <https://www.scopus.com/pages/publications/85127684291?origin=scopusAI>

Singh, S., & Yadav, A. (2021). Interconnecting the environment with economic development of a nation. Dalam *Environmental Sustainability and Economy*.

Sinha Babu, S., & Datta, S. K. (2013). The relevance of environmental Kuznets curve (EKC) in a framework of broad-based environmental degradation and modified measure of growth-a pooled data analysis. *International*

Journal of Sustainable Development and World Ecology, 20(4), 309–316.

<https://doi.org/10.1080/13504509.2013.795505>

Spiru, A., & Qin, Z. (2016). Chapter 8—Investing on the Edge: Exploring the Opportunities for Diversification in Frontier Markets,. Dalam *Handbook of Frontier Markets* (hlm. 123–162).

Wackernagel, M., & Rees, W. E. (1998). Our ecological footprint: Reducing human impact on the earth. *New Society Publishers.*, 9.

World Bank. (2021). *World Bank Informality Study* [Text/HTML]. World Bank. <https://www.worldbank.org/en/news/press-release/2021/05/11/widespread-informality-likely-to-slow-recovery-from-covid-19-in-developing-economies>

World Bank. (2026a). *GDP per capita (constant 2015 US\$)*. World Bank Open Data. <https://data.worldbank.org>

World Bank. (2026b). *World Bank Open Data*. World Bank Open Data. <https://data.worldbank.org>

World Bank. (2026c). *World Bank Open Data*. Renewable Energy Consumption (% of Total Final Energy Consumption). <https://data.worldbank.org>

World Bank. (2026d). *World Bank Open Data*. Trade (% of GDP). <https://data.worldbank.org>

Yang, J., Tan, Y., Xue, D., Huang, G., & Xing, Z. (2021). The Environmental Impacts of Informal Economies in China: Inverted U-shaped Relationship and Regional Variances. *Chinese Geographical Science*, 31(4), 585–599. <https://doi.org/10.1007/s11769-021-1210-z>

- Yixin, O., Shakaraliyeva, Z., Hajiyeve, A., & Farzaliyeva, S. (2026). Tax policy, energy efficiency, and sustainable growth: Empirical evidence from China. *Energy Strategy Reviews*, 65, 102140. <https://doi.org/10.1016/j.esr.2026.102140>
- Zequir, V., & Berisha, S. (2022). Ecological footprint as a tool for change of individual attitudes toward the environment and better education for sustainability. *Technium Social Sciences Journal*, 30, 727–741. <https://doi.org/10.47577/tssj.v30i1.6261>
- Zou, G., & Chau, K. W. (2023). Energy consumption, economic growth and environmental sustainability: Evidence from China. *Energy Reports, Technologies and Materials for Renewable Energy, Environment and Sustainability*, 9, 106–116. <https://doi.org/10.1016/j.egyr.2023.05.251>