

REFERENCES

- ACE. (2024). ASEAN Energy Investment 2024. *Sustainability (Switzerland)*, 1–92.
- Almeida, D., Carvalho, L., Ferreira, P., Dionísio, A., & Haq, I. U. (2024). Global Dynamics of Environmental Kuznets Curve: A Correlation Analysis of Income and CO2 Emissions. *Sustainability (Switzerland)*, 16(20).
<https://doi.org/10.3390/su16209089>
- Al-Mulali, U., Ozturk, I., & Solarin, S. A. (2016). Investigating the environmental Kuznets curve hypothesis in seven regions: The role of renewable energy. *Ecological Indicators*, 67, 267–282.
<https://doi.org/10.1016/j.ecolind.2016.02.059>
- Anderson, D. R., Sweeney, D. J., Williams, T. A., Camm, J. D., & Cochran, J. J. (2018). *Statistics for Business and Economics*.
- Apergis, N., & Payne, J. E. (2010). Renewable energy consumption and economic growth: Evidence from a panel of OECD countries. *Energy Policy*, 38(1), 656–660. <https://doi.org/10.1016/j.enpol.2009.09.002>
- Apergis, N., & Tang, C. F. (2013). Is the energy-led growth hypothesis valid? New evidence from a sample of 85 countries. *Energy Economics*, 38, 24–31.
<https://doi.org/10.1016/j.eneco.2013.02.007>
- Arunwarakorn, S., & Suthiwartnarueput, K. (2019). *The effect of internet penetration on economic growth*.
- Azam, M., Khan, A. Q., Abdullah, H. Bin, & Qureshi, M. E. (2015). The impact of CO2 emissions on economic growth: evidence from selected higher CO2 emissions economies. *Environmental Science and Pollution Research*, 23(7), 6376–6389. <https://doi.org/10.1007/s11356-015-5817-4>
- Bastardo, N., Matthews, M. J., Sajons, G. B., Ransom, T., Kelemen, T. K., & Matthews, S. H. (2023). Instrumental variables estimation: Assumptions, pitfalls, and guidelines. *Leadership Quarterly*, 34(1).
<https://doi.org/10.1016/j.leaqua.2022.101673>
- BP. (2024). BP Energy Outlook 2024. *Statistical Review of World Energy*, July, 1–53.
- Bush, S. R., & Gert Spaargaren. (2024). Elgar Encyclopedia of Environmental Sociology. *Elgar Encyclopedia of Environmental Sociology*.
<https://doi.org/10.4337/9781803921044>

- Buttel, F. H. (2000). Ecological modernization as social theory. *Geoforum*, 31(1), 57–65. [https://doi.org/10.1016/S0016-7185\(99\)00044-5](https://doi.org/10.1016/S0016-7185(99)00044-5)
- Cho, S., Heo, E., & Kim, J. (2015). Causal relationship between renewable energy consumption and economic growth: comparison between developed and less-developed countries. *Geosystem Engineering*, 18(6), 284–291. <https://doi.org/10.1080/12269328.2015.1053540>
- Copeland, B. R., & Taylor, M. S. (2004). *Trade, Growth, and the Environment*. XLII(March), 7–71.
- Davidson, R., & MacKinnon, J. G. (2021). Econometric Theory and Methods. In *Statistical Inference*. <https://doi.org/10.1201/9780203738641-4>
- Dou, Y., Zhao, J., Malik, M. N., & Dong, K. (2021). Assessing the impact of trade openness on CO2 emissions: Evidence from China-Japan-ROK FTA countries. *Journal of Environmental Management*, 296(April), 113241. <https://doi.org/10.1016/j.jenvman.2021.113241>
- Enerdata. (2023). Energy Connectivity in ASEAN. *Global Energy Research*, December, 1–12.
- Food & Water Watch. (2022). *Thirsty Fossil Fuels: Potential for Huge Water Savings by Switching to Renewables*. July.
- Galvan, L. P. C., Bhatti, U. A., Campo, C. C., & Trujillo, R. A. S. (2022). The Nexus Between CO2 Emission, Economic Growth, Trade Openness: Evidences From Middle-Income Trap Countries. *Frontiers in Environmental Science*, 10(July), 1–16. <https://doi.org/10.3389/fenvs.2022.938776>
- Giang, M. H., Tung, T. N., Trang, N. T. T., Giang, P. T. L., Ha, T. T. N., & Nguyet, H. T. M. (2025). Deciphering the Nexus Between Renewable Energy Consumption and Environmental Pollution: A GMM Model Analysis Across Diverse Economies. *International Journal of Energy Economics and Policy*, 15(4), 499–510. <https://doi.org/10.32479/ijeep.19383>
- Gigauri, I., & Vasilev, V. (2021). *Energy Transition : Energy Transition : (Issue August)*. <https://doi.org/10.1007/978-981-19-3540-4>
- Global Carbon Atlas. (2023). *CO₂ emissions per Capita from 2001 to 2021 in ASEAN Countries*. <https://globalcarbonatlas.org/emissions/carbon-emissions/>
- Gujarati, D. N., & Porter, D. C. (2009). Basic Econometrics. In *Introductory Econometrics: A Practical Approach* (Fifth Edit). Douglas Reiner.

- Heidari, H., Turan Katircioğlu, S., & Saeidpour, L. (2015). Economic growth, CO₂ emissions, and energy consumption in the five ASEAN countries. *International Journal of Electrical Power and Energy Systems*, 64, 785–791. <https://doi.org/10.1016/j.ijepes.2014.07.081>
- Herzer, D. (2012). How Does Foreign Direct Investment Really Affect Developing Countries' Growth? *Review of International Economics*, 20(2), 396–414. <https://doi.org/10.1111/j.1467-9396.2012.01029.x>
- Huang, Y., Kuldashava, Z., & Salahodjaev, R. (2021). Renewable energy and CO₂ emissions: Empirical evidence from major energy-consuming countries. *Energies*, 14(22), 1–10. <https://doi.org/10.3390/en14227504>
- IEA. (2021). World Energy Outlook 2021. *IEA Publications*, 15.
- Inglesi-Lotz, R. (2016). The impact of renewable energy consumption to economic growth: A panel data application. *Energy Economics*, 53, 58–63. <https://doi.org/10.1016/j.eneco.2015.01.003>
- IPCC. (2022). Emissions Trends and Drivers. In *Climate Change 2022 - Mitigation of Climate Change*. <https://doi.org/10.1017/9781009157926.004>
- IRENA. (2022). World energy transitions outlook 2022. In *World Energy Transitions*. <https://irena.org/Digital-Report/World-Energy-Transitions-Outlook-2022%0Ahttps://irena.org/publications/2021/March/World-Energy-Transitions-Outlook>
- IRENA. (2025). *Renewable Energy Statistics*. <https://www.irena.org/Data>
- Islam, S., Pérez-Romero, M. E., Yousuf, M., Dhar, B. K., Bhowmik, R. C., Roshid, M. M., & Sumon, S. A. (2025). Environmental Sustainability and CO₂ Emissions in Mexico: Unveiling the Roles of Fiscal Policy, Digital Innovation, and Renewable Energy Transitions. *Sustainable Development*, August, 1–18. <https://doi.org/10.1002/sd.70049>
- Liu, J.-L., Ma, C.-Q., Ren, Y.-S., & Zhao, X.-W. (2020). Do Real Output and Renewable Energy Consumption BRICS Countries. *Energies*, 1–18.
- Mbarek, M. Ben, Saidi, K., & Feki, R. (2016). How Effective Are Renewable Energy in Addition of Economic Growth and Curbing CO₂ Emissions in the Long Run? A Panel Data Analysis for Four Mediterranean Countries. *Journal of the Knowledge Economy*, 9(3), 754–766. <https://doi.org/10.1007/s13132-016-0365-9>

- Modarress Fathi, B., Ansari, A., & Ansari, A. (2022). Threats of Internet-of-Thing on Environmental Sustainability by E-Waste. *Sustainability (Switzerland)*, 14(16). <https://doi.org/10.3390/su141610161>
- Mukhtarov, S., Aliyev, F., Aliyev, J., & Ajayi, R. (2022). Renewable Energy Consumption and Carbon Emissions: Evidence from an Oil-Rich Economy. *Sustainability (Switzerland)*, 15(1), 1–12. <https://doi.org/10.3390/su15010134>
- Nguyen, M. L. T., & Bui, T. N. (2021). Trade openness and economic growth: A study on asean-6. *Economies*, 9(3). <https://doi.org/10.3390/economies9030113>
- Ofori-Sasu, D., Abor, J. Y., Agyekum Donkor, G. N., & Otchere, I. (2023). Renewable energy consumption and carbon emissions in developing countries: the role of capital markets. *International Journal of Sustainable Energy*, 42(1), 1407–1429. <https://doi.org/10.1080/14786451.2023.2268857>
- Omri, A. (2013). *CO2 Emissions, Energy Consumption and Economic Growth Nexus in MENA countries: Evidence from Simultaneous Equations Models*.
- Omri, A. (2017). *An international literature survey on energy-economic growth nexus: Evidence from country-specific studies*. 82452, 0–23.
- Oyegoke, O. E., & Aras, O. N. (2021). Impact of Foreign Direct Investment on Economic Growth in Nepal. *Interdisciplinary Journal of Management and Social Sciences*, 2(2), 111–117. <https://doi.org/10.3126/ijmss.v2i2.42607>
- Perone, G. (2024). The relationship between renewable energy production and CO2 emissions in 27 OECD countries: A panel cointegration and Granger non-causality approach. *Journal of Cleaner Production*, 434(March 2023), 139655. <https://doi.org/10.1016/j.jclepro.2023.139655>
- REN21. (2023). *Renewables 2023 Global Status Report Collection, Global Overview*. Paris: REN21 Secretariat), 1–49.
- Romer, P. M. (1986). Increasing Returns and Long-Run Growth. *Journal of Political Economy*, 94(5), 1002–1037. <https://doi.org/10.1086/261420>
- Schmidhein, K. (2024). Instrumental variables. *British Journal of Neurosurgery*. <https://doi.org/10.1080/02688697.2018.1493233>
- Sharma, A., & Rajput, P. (2022). The Role of Biomass Burning in Greenhouse Gases Emission. *Greenhouse Gases: Sources, Sinks and Mitigation, February*, 157–175. <https://doi.org/10.1007/978-981-16-4482-5>
- Staiger, D., & Stock, J. H. (1997). Instrumental Variables Regression with Weak Instruments. *Econometrica*, 65(3), 557. <https://doi.org/10.2307/2171753>

- Tran, T., Bui, H., Vo, A. T., & Vo, D. H. (2024). The role of renewable energy in the energy–growth–emission nexus in the ASEAN region. *Energy, Sustainability and Society*, 14(1), 1–13. <https://doi.org/10.1186/s13705-024-00446-3>
- UCS. (2025). *7 Benefits of Renewable Energy Use*.
- Vo, A. T., Vo, D. H., & Le, Q. T. T. (2019). CO2 Emissions, Energy Consumption, and Economic Growth: New Evidence in the ASEAN Countries. *Journal of Risk and Financial Management*, 12(3). <https://doi.org/10.3390/jrfm12030145>
- Vo, D. H., Vo, A. T., & Ho, C. M. (2024). Urbanization and renewable energy consumption in the emerging ASEAN markets: A comparison between short and long-run effects. *Heliyon*, 10(9), e30243. <https://doi.org/10.1016/j.heliyon.2024.e30243>
- Wang, Q., Yang, T., Li, R., & Wang, X. (2023). Reexamining the impact of foreign direct investment on carbon emissions: does per capita GDP matter? *Humanities and Social Sciences Communications*, 10(1), 1–18. <https://doi.org/10.1057/s41599-023-01895-5>
- Wooldridge, J. M. (2010). Econometric Analysis of Cross Section and Panel Data. In *Dairy Science & Technology*, CRC Taylor & Francis Group (Issue June).
- World Bank. (2021). *Renewable Energy Consumption (% Final Energy Consumption)*. <https://databank.worldbank.org/source/world-development-indicators>
- World Bank. (2025). *WDI*. <https://databank.worldbank.org/source/world-development-indicators>
- Zhang, Z., & Meng, X. (2019). Internet penetration and the environmental Kuznets curve: A cross-national analysis. *Sustainability (Switzerland)*, 11(5), 1358. <https://doi.org/10.3390/su11051358>