

DAFTAR PUSTAKA

- Afriyanti, Y., Sasana, H., & Jalunggono, G. (2020). Analisis Faktor-Faktor yang Mempengaruhi Konsumsi Energi Terbarukan di Indonesia. *Directory Journal of Economic*, 2(3), 865–884. <https://doi.org/10.31002/dinamic.v2i3.1428>
- Alhindawi, R., Abu Nahleh, Y., Kumar, A., & Shiwakoti, N. (2020). Projection of Greenhouse Gas Emissions for the Road Transport Sector Based on Multivariate Regression and the Double Exponential Smoothing Model. *Sustainability*, 12(21), 9152. <https://doi.org/10.3390/su12219152>
- Anderson, T. R., Hawkins, E., & Jones, P. D. (2016). CO₂, the greenhouse effect and global warming: from the pioneering work of Arrhenius and Callendar to today's Earth System Models. *Endeavour*, 40(3). <https://doi.org/10.1016/j.endeavour.2016.07.002>
- Ansari, M. A. (2022). Re-visiting the Environmental Kuznets curve for ASEAN: A comparison between ecological footprint and carbon dioxide emissions. *Renewable and Sustainable Energy Reviews*, 168. <https://doi.org/10.1016/j.rser.2022.112867>
- Ansari, M. A., Ahmad, M. R., Siddique, S., & Mansoor, K. (2020). An Environment Kuznets Curve for Ecological Footprint: Evidence from GCC Countries. *Carbon Management*. <https://doi.org/10.1080/17583004.2020.1790242>
- Aziz, N., Sharif, A., Raza, A., & Rong, K. (2020). Revisiting the role of forestry, agriculture, and renewable energy in testing environment Kuznets curve in Pakistan: evidence from Quantile ARDL approach. *Environmental Science and Pollution Research*, 27(9). <https://doi.org/10.1007/s11356-020-07798-1>
- Begum, R. A., Raihan, A., & Said, M. N. M. (2020). Dynamic impacts of economic growth and forested area on carbon dioxide emissions in malaysia. *Sustainability (Switzerland)*, 12(22). <https://doi.org/10.3390/su12229375>
- Begum, R. A., Sohag, K., Abdullah, S. M. S., & Jaafar, M. (2015). CO₂ emissions, energy consumption, economic and population growth in Malaysia. In *Renewable and Sustainable Energy Reviews* (Vol. 41). <https://doi.org/10.1016/j.rser.2014.07.205>
- BPS. (2021). *BADAN PUSAT STATISTIK KOTA SURAKARTA*.
- a, M., Guizzardi, D., Pagani, F., Banja, M., Muntean, M., Schaaf, E., Monforti, F., Becker, W., Quadrelli, R., A., R., P., T.-M., J., koykka, Grassi, G., Rossi, S., melo, brandao, Oom, D., San-Miguel-Ayanz, J., Manca, G., Pisoni, E., & Pekár, F. (2024). *GHG emissions of all world countries - 2024 report*. <https://doi.org/10.2760/4002897>



- Dinilhaq, W., & Azhar, Z. (2024). Analisis Pengaruh Pertumbuhan Ekonomi Terhadap Degradasi Lingkungan di Indonesia. *Media Riset Ekonomi Pembangunan* (MedREP), 1((1)). [https://doi.org/10.24036/medrep.v1i1\(1\).2](https://doi.org/10.24036/medrep.v1i1(1).2)
- European Commission, Joint Research Centre, Crippa, M., Guizzardi, D., Pagani, F., Banja, M., Muntean, M., Schaaf, E., Monforti-Ferrario, F., Becker, W.E., Quadrelli, R., Riquez Martin, A., Taghavi-Moharamli, P., Köykkä, J., Grassi, G., Rossi, S., Melo, J., Oom, D., Branco, A., San-Miguel, J., Manca, G., Pisoni, E., Vignati, E. and Pekar, F., *GHG emissions of all world countries*, Publications Office of the European Union, Luxembourg, 2024, <https://data.europa.eu/doi/10.2760/4002897>
- FAO. (2020). *Global Forest Resources Assessment 2020: Key Findings*. Roma: Food and Agriculture Organization of the United Nations.
- FWI/GFW. (2001). Keadaan Hutan Indonesia. Bogor, Indonesia: Forest Watch Indonesia dan Washington D.C.: Global Forest Watch
- Geels, F. W. (2002). Technological transitions as evolutionary reconfiguration processes: a multi-level perspective and a case-study. *Research Policy*, 31(8–9), 1257–1274. [https://doi.org/10.1016/S0048-7333\(02\)00062-8](https://doi.org/10.1016/S0048-7333(02)00062-8)
- Geels, F. W. (2014). Regime Resistance against Low-Carbon Transitions: Introducing Politics and Power into the Multi-Level Perspective. *Theory, Culture & Society*, 31(5), 21–40. <https://doi.org/10.1177/0263276414531627>
- Grossman, G. M., & Krueger, A. B. (1991). *Environmental Impacts of a North American Free Trade Agreement*.
- Hartley, A. J., & Tandon, A. (2022). The Impacts of Climate Change. *Frontiers for Young Minds*, 10. <https://doi.org/10.3389/frym.2022.716479>
- Hashmi, S. H., Hongzhong, F., Fareed, Z., & Bannya, R. (2020). Testing non-linear nexus between service sector and CO2 emissions in Pakistan. *Energies*, 13(3). <https://doi.org/10.3390/en13030526>
- Heriyanto, N. M., Priatna, D., & Samsedin, I. (2020). Struktur Tegakan dan Serapan Karbon pada Hutan Sekunder Kelompok Hutan Muara Merang, Sumatera Selatan (Vegetation Structure and Carbon Stocks in Secondary Forests of Muara Merang Forest Complex, South Sumatera). *Jurnal Sylva Lestari*, 8(2), 230-240.
- HUMAMI, F., Julianti, M., & Rusmandani, P. (2024). ANALISIS EMISI GAS BUANG KENDARAAN KOMERSIAL BERDASARKAN TIPE KARAKTERISTIK KENDARAAN BERMOTOR. *Jurnal Permadi: Perancangan, Manufaktur, Material Dan Energi*, 6(01), 48–59. <https://doi.org/10.52005/permadi.v6i01.141>



- Idris, A., & Razak, A. R. (2025). Energy Transition, Green Growth and Emission on Economic Growth using Spline Approach: Evidence from Asia-Pacific Countries. *ECONOMICS*, 13(2), 139–159. <https://doi.org/10.2478/eoik-2025-0034>
- IPCC. (2022). Annex I: Glossary. In *Global Warming of 1.5°C* (pp. 541–562). Cambridge University Press. <https://doi.org/10.1017/9781009157940.008>
- Jalil, A., & Mahmud, S. F. (2009). Environment Kuznets curve for CO2 emissions: A cointegration analysis for China. *Energy Policy*, 37(12), 5167–5172. <https://doi.org/10.1016/j.enpol.2009.07.044>
- Kementerian Energi dan Sumber Daya Mineral. (2024). Pemerintah Kejar Target Tingkatkan Bauran EBT. Kementerian ESDM.
- Kementerian Lingkungan Hidup dan Kehutanan. (2018). Mengukur Dan Reduksi Gas Rumah Kaca.
- Kementerian Lingkungan Hidup dan Kehutanan. (2023). Tingkat Emisi Gas Rumah Kaca. Jakarta Pusat: Sign Smart Kementerian Lingkungan Hidup dan Kehutanan.
- Ketaren, D. G. K. (2023). PERANAN KAWASAN MANGROVE DALAM PENURUNAN EMISI GAS RUMAH KACA DI INDONESIA. *Jurnal Kelautan Dan Perikanan Terapan (JKPT)*, 1, 73. <https://doi.org/10.15578/jkpt.v1i0.12050>
- KRKP. (2024). Hari Tani 2024: Satu Dekade Nasib Petani Tidak Membaik. (2024, September 26). Koalisi Rakyat Untuk Kedaulatan Pangan. <https://kedaulatanpangan.org/hari-tani-2024-satu-dekade-nasib-petani-tidak-membaik/#>
- Kubicová, J. (2014). Testing greenhouse gasses in Slovakia for environmental Kuznets curve and pollution haven hypothesis. *Journal of International Studies*, 7(2), 161–177.
- Leal, P. H., & Marques, A. C. (2022). The evolution of the environmental Kuznets curve hypothesis assessment: A literature review under a critical analysis perspective. In *Heliyon* (Vol. 8, Issue 11). Elsevier Ltd. <https://doi.org/10.1016/j.heliyon.2022.e11521>
- Lee, H., Romero, J., Calvin, K., Dasgupta, D., Krinner, G., Mukherji, A., Thorne, P., Trisos, C., Aldunce, P., Barrett, K., Blanco, G., Cheung, W. W. L., Connors, S. L., Denton, F., Diongue-Niang, A., Dodman, D., Garschagen, M., Geden, O., Hayward, B., ... Masson-Delmotte, V. (2023). *Climate Change 2023: Synthesis Report*. <https://doi.org/10.59327/IPCC/AR6-3789291691647>
- nood, H., Alkhateeb, T. T. Y., Tanveer, M., & Mahmoud, D. H. I. (2021). Testing the energy-environmental kuznets curve hypothesis in the renewable and nonrenewable energy consumption models in Egypt.



International Journal of Environmental Research and Public Health, 18(14). <https://doi.org/10.3390/ijerph18147334>

- Mahmood, T., Shireen, S., & Mumtaz, M. (2021). Testing the role of financial development and urbanization in the conventional EKC: Evidence from China and India. *International Journal of Sustainable Development and Planning*, 16(3). <https://doi.org/10.18280/IJSDP.160305>
- Maryani, S. (2020). PENGARUH DEFORESTASI DAN TINGKAT KEBAKARAN HUTAN TERHADAP TINGKAT EMISI GAS RUMAH KACA. *Publikasi Penelitian Terapan Dan Kebijakan*, 3(2), 46–50. <https://doi.org/10.46774/pptk.v3i2.106>
- MENGUKUR DAN REDUKSI GAS RUMAH KACA.** (2018). Kementerian Lingkungan Hidup Dan Kehutanan.
- Muazu, A., Yu, Q., & Alariqi, M. (2023). The Impact of Renewable Energy Consumption and Economic Growth on Environmental Quality in Africa: A Threshold Regression Analysis. *Energies*, 16(11), 4533. <https://doi.org/10.3390/en16114533>
- Nadeak, A. S. H., & Nasrudin, N. (2023). Pengaruh PDB per Kapita dan Konsumsi Energi terhadap Emisi GRK di Indonesia The Effect of GDP Per Capita and Energy Consumption on GHG Emissions in Indonesia. *Jurnal Ekonomi Dan Pembangunan Indonesia*, 23(2), 128–145.
- OECD. (2011). *Towards Green Growth*. OECD Green Growth Studies. OECD Publishing. Paris. <https://doi.org/10.1787/9789264111318-en>
- Pangestu, R. C. K., & Ayuningsasi, A. A. K. (2024). Pengaruh Konsumsi Energi Sektor Industri, Rumah Tangga, dan Transportasi terhadap Emisi Karbon di Indonesia. *Inisiatif: Jurnal Ekonomi, Akuntansi Dan Manajemen*, 3(4), 297–311. <https://doi.org/10.30640/inisiatif.v3i4.3154>
- 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.
- Petriella, Y. (2025, January 14). *Tren Suhu Udara Panas Indonesia Bakal Berlanjut di 2025, Akibat Deforestasi?* Ekonomi Hijau.
- Prasetyani, D., dan Sumardi. (2020). *Analisis Produk Domestik Regional Bruto (PDRB)*. Surakarta: CV Djiwa Amarta Surakarta.
- Putri, S. F. (2020). HUBUNGAN PEMBANGUNAN EKONOMI TERHADAP KUALITAS LINGKUNGAN HIDUP DI PROVINSI JAWA TIMUR. *JURNAL DINAMIKA EKONOMI PEMBANGUNAN*, 2(2), 58. <https://doi.org/10.14710/jdep.2.2.58-70>
- rayani, D. (2021). ANALISIS KAUSALITAS PARIWISATA, KONSUMSI ENERGI FOSIL, PERTUMBUHAN EKONOMI DAN EMISI CO2 DI



INDONESIA. *JURNAL DINAMIKA EKONOMI PEMBANGUNAN*, 4(2), 124–139. <https://doi.org/10.14710/jdep.4.2.124-139>

Raihan, A., Pavel, M. I., Muhtasim, D. A., Farhana, S., Faruk, O., & Paul, A. (2023). The role of renewable energy use, technological innovation, and forest cover toward green development: Evidence from Indonesia. *Innovation and Green Development*, 2(1), 100035. <https://doi.org/10.1016/j.igd.2023.100035>

Raihan, A., Voumik, L. C., Zimon, G., Sadowska, B., Rashid, M., & Akter, S. (2024). Prioritising sustainability: how economic growth, energy use, forest area, and globalization impact on greenhouse gas emissions and load capacity in Poland? *International Journal of Sustainable Energy*, 43(1). <https://doi.org/10.1080/14786451.2024.2361410>

Razak, Abd. R., Saudi, N. D. S., Fernandes, A. A. R., Idris, A., & Arnan Rahman, A. M. (2025). The Impact of Trade on Environmental Quality and Sustainable Development in ASEAN Region. *International Journal of Energy Economics and Policy*, 15(6), 638–647. <https://doi.org/10.32479/ijeep.21298>

Sari Saudi, N. D., Abdi Reviane, I. T., Paddu, A. H., Agustin, G., Djam'an, F., & Sabbar, S. D. (2024). Carbon Neutrality and Sustainable Development: An Empirical Study of Indonesia's Renewable Energy Adoption. *International Journal of Energy Economics and Policy*, 14(4), 526–537. <https://doi.org/10.32479/ijeep.15953>

Sasmita, A., Reza, M., Elystia, S., & Syarah Adriana. (2022). ANALISIS PENGARUH KECEPATAN DAN VOLUME KENDARAAN TERHADAP EMISI DAN KONSENTRASI KARBON MONOKSIDA DI JALAN JENDERAL SUDIRMAN, KOTA PEKANBARU. *Jurnal Teknik Sipil*, 16(4), 269–279. <https://doi.org/10.24002/jts.v16i4.5452>

Soeder, D. J. (2021). Greenhouse gas sources and mitigation strategies from a geosciences perspective. *Advances in Geo-Energy Research*, 5(3). <https://doi.org/10.46690/ager.2021.03.04>

Tarmidi, L. T. (2003). KRISIS MONETER INDONESIA : SEBAB, DAMPAK, PERAN IMF DAN SARAN. *Buletin Ekonomi Moneter Dan Perbankan*, 1(4), 1–25. <https://doi.org/10.21098/bemp.v1i4.183>

Tenaw, D., & Beyene, A. D. (2021). Environmental sustainability and economic development in sub-Saharan Africa: A modified EKC hypothesis. *Renewable and Sustainable Energy Reviews*, 143, 110897. <https://doi.org/10.1016/j.rser.2021.110897>



o, M. P. ., & Smith, S. C. . (2020). *Economic development*. Pearson.

ra, N. A., Sunaryo, R. P., Syafri, & Octaviani, D. (2023). Pengaruh Konsumsi Energi dan Aktivitas Ekonomi Terhadap Emisi CO2 di Negara

G20. *Pengaruh Konsumsi Energi Dan Aktivitas ... E-Journal Ekonomi Bisnis Dan Akuntansi*, 10(2), 69–79.

Udin, U. (2020). RENEWABLE ENERGY AND HUMAN RESOURCE DEVELOPMENT: CHALLENGES AND OPPORTUNITIES IN INDONESIA. *International Journal of Energy Economics and Policy*, 10(2), 233–237. <https://doi.org/10.32479/ijeep.8782>

Undang-Undang Republik Indonesia Nomor 30 Tahun 2007 tentang Energi.

Widyawati, R. F., Hariani, E., Ginting, A. L., & Nainggolan, E. (2021). Pengaruh Pertumbuhan Ekonomi, Populasi Penduduk Kota, Keterbukaan Perdagangan Internasional Terhadap Emisi Gas Karbon Dioksida (CO₂) Di Negara ASEAN. *Jambura Agribusiness Journal*, 3(1), 37–47. <https://doi.org/10.37046/jaj.v3i1.11193>.

