

## DAFTAR PUSTAKA

- Adi, A. C. (2024). RPP Kebijakan Energi Nasional Ditargetkan Selesai Juni 2024. Kementerian Energi dan Sumber Daya Mineral. Retrieved from <https://www.esdm.go.id/id/media-center/arsip-berita/rpp-kebijakan-energi-nasional-ditargetkan-selesai-juni-2024>
- Afriyanti, Y., Sasana, H., & Jalunggono, G. (2020). Analisis Faktor-Faktor yang Mempengaruhi Konsumsi Energi Terbarukan di Indonesia. *DINAMIC: Directory Journal of Economic*, 2(3), 865-884.
- Ahmed, E. M., & Elfaki, K. E. (2024). Enhancing environmental quality and economic growth through potential effects of energy efficiency and renewable energy in Asian economies. *Scientific Reports*, 14(22914). doi:<https://doi.org/10.1038/s41598-024-73679-z>
- Andini, P. S., Narindra, P. R., Rahardjo, N. A., & Afrianto, F. (2023). Keseimbangan Green Economy di Jawa Timur. *Pranatacara Bhumandala: Jurnal Riset Planologi*, 4(2), 129–152. [https://www.researchgate.net/publication/376990418\\_Tingkat\\_Keseimbangan\\_dan\\_Klaster\\_Ekonomi\\_Hijau\\_di\\_Provinsi\\_Jawa\\_Timur](https://www.researchgate.net/publication/376990418_Tingkat_Keseimbangan_dan_Klaster_Ekonomi_Hijau_di_Provinsi_Jawa_Timur)
- Arrohmah, L., & Sukim. (2024). Analisis Variabel yang Memengaruhi Konsumsi Energi Terbarukan di Indonesia Menggunakan Error Correction Model. *Seminar Nasional Official Statistics 2024*, 969-980.
- Azretbergenova, G., Syzdykov, B., Niyazov, T., Gulzhan, T., & Yskak, N. (2021). The Relationship between Renewable Energy Production and Employment in European Union Countries: Panel Data Analysis. *International Journal of Energy Economics and Policy*, 11(3), 20-26.
- Azzahrah, S., Hastuti, S. H., & Hartono, D. (n.d.). Economic, Social, and Environmental Impact of Renewable Energy Investment: Empirical Study of Indonesia. *International Energy Journal* 23, 55 – 70.
- Badan Pusat Statistik. (2024). Persentase Rumah Tangga menurut Provinsi dan Sumber Penerangan Utama dari Listrik PLN (Persen). Retrieved from Badan Pusat Statistik: <https://www.bps.go.id/id/statistics-table/2/ODcjMg==/persentase-rumah-tangga-menurut-provinsi-dan-sumber-penerangan-utama-dari-listrik-pln.html>
- Badan Pusat Statistik. (2025). Persentase Penduduk Miskin (P0) Menurut Provinsi dan Daerah (Persen). Retrieved from Badan Pusat Statistik:

<https://www.bps.go.id/id/statistics-table/2/MTkyIzI=/persentase-penduduk-miskin--p0--menurut-provinsi-dan-daerah.html>

Badan Pusat Statistik Jawa Tengah. (2024). Jumlah Penduduk Menurut Kabupaten/Kota di Jawa Tengah (Jiwa). Retrieved from Badan Pusat Statistik Jawa Tengah: <https://jateng.bps.go.id/id/statistics-table/2/NzY2IzI=/jumlah-penduduk-menurut-kabupaten-kota-di-jawa-tengah.html>

Badan Pusat Statistik Jawa Tengah. (2025). [Seri 2010] Laju Pertumbuhan PDRB Atas Dasar Harga Konstan 2010 Menurut Kabupaten/Kota di Provinsi Jawa Tengah (Persen). Retrieved from Badan Pusat Statistik Jawa Tengah: <https://jateng.bps.go.id/id/statistics-table/2/MTc0MyMy/-seri-2010-laju-pertumbuhan-pdrb-atas-dasar-harga-konstan-2010-menurut-kabupaten-kota-di-provinsi-jawa-tengah.html>

Badan Pusat Statistik Jawa Tengah. (2025). [Seri 2010] PDRB Jawa Tengah Atas Dasar Harga Konstan 2010 Menurut Lapangan Usaha (Juta Rupiah). Retrieved from Badan Pusat Statistik Jawa Tengah: <https://jateng.bps.go.id/id/statistics-table/1/MTY4MyMx/-seri-2010--pdrb-jawa-tengah-atas-dasar-harga-konstan-2010-menurut-lapangan-usaha--juta-rupiah---2010---2024.html>

Badan Pusat Statistik Provinsi Jawa Tengah. (2022). Banyaknya Desa/Kelurahan Menurut Jenis Bahan Bakar Untuk Memasak Yang Digunakan Oleh Sebagian Besar Keluarga Dan Keberadaan Agen/Penjual Bahan Bakar: <https://jateng.bps.go.id/id/statistics-table/1/MjYxNiMx/banyaknya-desa-kelurahan-menurut-jenis-bahan-bakar-untuk-memasak-yang-digunakan-oleh-sebagian-besar-keluarga-dan-keberadaan-agen-penjual-bahan-bakar--2021.html>

Badan Pusat Statistik Provinsi Jawa Tengah. (2023). [Metode Baru] Indeks Pembangunan Manusia Menurut Kabupaten/Kota, 2023. Retrieved from Badan Pusat Statistik Provinsi Jawa Tengah: <https://jateng.bps.go.id/id/statistics-table/2/ODMjMg==/-metode-baru-indeks-pembangunan-manusia-menurut-kabupaten-kota.html>

Badan Riset dan Inovasi Daerah Provinsi Jawa Tengah. (2024). Jumlah Hak Kekayaan Intelektual. Retrieved from Portal Data Jawa Tengah: <https://data.jatengprov.go.id/dataset/648-jumlah-hak-kekayaan-intelektualBappenas>.

- (2022). *Green Economy Index: A Step Forward To Measure The Progress Of Low Carbon & Green Economy In Indonesia*.
- Bappenas. (2024). *Peta Jalan & Rencana Aksi Nasional Ekonomi Sirkular Indonesia 2025-2045*. Jakarta: Bappenas.
- Bersalli, G., Menanteau, P., & El-Methni, J. (2020). Renewable energy policy effectiveness: A panel data analysis across Europe and Latin America. *Renewable and Sustainable Energy Reviews*, 133, 110351. Retrieved from <https://doi.org/10.1016/j.rser.2020.110351>
- Bhuiyan, M. A., Zhang, Q., Khare, V., Mikhaylov, A., Pinter, G., & Huang, X. (2022). Renewable Energy Consumption and Economic Growth Nexus - A Systematic Literatur Review. *Frontiers in Environmental Science*, 10, 1-21. doi:<https://doi.org/10.3389/fenvs.2022.878394>
- CELIOS. (2024). *Energy Transition Readiness Index in Indonesia: Mapping Current Conditions and Navigating the Future of the Energy Sector*. Jakarta Selatan: CELIOS.
- Cox, N. J. (2015). *Between and beyond: Irregular series, interpolation, variograms, and smoothing*. Durham University.
- Datta, A., Hossain, A., & Roy, S. (2019). An Overview on Biofuels and Their Advantages and Disadvantages. *Asian Journal of Chemistry*, 31(8), 1851-1858. doi:<https://doi.org/10.14233/ajchem.2019.22098>
- Dayton, D., & Foust, T. (2020). Biomass conversion. In: Analytical Methods for Biomass Characterization and Conversion. *Elsevier*, 37-61. Retrieved from <https://doi.org/10.1016/B978-0-12-815605-6.00003-2>
- Diyar, S., Akparova, A., Toktabayev, A., & Tyutunnikova, M. (2014). Green Economy-Innovation-Based Development of Kazakhstan. *Procedia - Social and Behavioral Sciences*, 140, 695–699. doi:<https://doi.org/10.1016/j.sbspro.2014.04.497>
- Dimov, Z., Prentovic, T., Moteva, M., & Gigova, A. (2017). Energy Crops As Alternative Agriculture Crops For Biomass Production in Macedonia and Bulgaria. *International Symposium for Agriculture and Food*, 3, 86-92.
- Dinas Energi dan Sumber Daya Mineral Jawa Tengah. (2022, Oktober 22). Pemerintah Provinsi Jawa Tengah menang Penghargaan Dewan Energi Nasional: Implementasi Rencana Umum Energi Daerah (RUED). ESDM Jateng. Retrieved from <https://esdm.jatengprov.go.id/berita/read/269/pemerintah-provinsi-jawa-tengah-menang-penghargaan-dewan-energi-nasional-implementasi-rencana-umum-energi-daerah-rued>



- Dinas Energi dan Sumber Daya Mineral Jawa Tengah. (2023, Juli 10). Desa Mandiri Energi Lepaskan Ketergantungan Masyarakat pada Energi Fosil. ESDM Jateng. Retrieved from <https://esdm.jatengprov.go.id/berita/read/225/esdm-jateng-desa-mandiri-energi-lepaskan-ketergantungan-masyarakat-pada-energi-fosil>
- Dinas Energi dan Sumber Daya Mineral Jawa Tengah. (2024). Bauran Energi di Provinsi Jawa Tengah. Retrieved from Portal Data Jawa Tengah: <https://data.jatengprov.go.id/gl/dataset/a69-bauran-energi-di-provinsi-jawa-tengah>
- Dinas Energi dan Sumber Daya Mineral Jawa Tengah. (2024). Jumlah Infrastruktur Energi Baru Terbarukan di Jawa Tengah. Retrieved from Portal Data Jawa Tengah: <https://data.jatengprov.go.id/gl/dataset/74f-jumlah-infrastruktur-energi-baru-terbarukan-di-jawa-tengah>
- Dinas Lingkungan Hidup Dan Kehutanan. (2024). Luas Tutupan Lahan di Jawa Tengah. Retrieved from Portal Data Jawa Tengah: <https://data.jatengprov.go.id/gl/dataset/5a8-sdjt-luas-tutupan-lahan-di-jawa-tengah>
- Dinas Lingkungan Hidup dan Kehutanan Jawa Tengah. (2024). Data Indeks Kualitas Lingkungan Hidup Jawa Tengah. Retrieved from Portal Data Jawa Tengah: <https://data.jatengprov.go.id/gl/dataset/ccb-sdjt-data-indeks-kualitas-lingkungan-hidup-jawa-tengah>
- Dinas Penanaman Modal Dan Pelayanan Terpadu Satu Pintu Jawa Tengah. (2021). Realisasi Investasi PMA Tahun 2019. Retrieved from Portal Data Jawa Tengah: <https://data.jatengprov.go.id/gl/dataset/realisasi-investasi-pma-tahun-2019>
- Dinas Penanaman Modal Dan Pelayanan Terpadu Satu Pintu Jawa Tengah. (2021). Realisasi Investasi PMDN Tahun 2019. Retrieved from Portal Data Jawa Tengah: <https://data.jatengprov.go.id/gl/dataset/realisasi-investasi-pmdn-tahun-2019>
- Dinas Pertanian Dan Perkebunan Jawa Tengah. (2024). Data series tanaman pangan jawa tengah. Retrieved from Portal Data Jawa Tengah: <https://data.jatengprov.go.id/dataset/data-series-tanaman-pangan-jawa-tengah>
- Dinas Peternakan dan Kesehatan Hewan Provinsi Jawa Tengah. (2023). Populasi Ternak Menurut Kabupaten/Kota dan Jenis Ternak di Provinsi Jawa Tengah (ekor) (Ekor), 2022. Retrieved from Badan Pusat Statistik Provinsi Jawa Tengah: <https://jateng.bps.go.id/id/statistics-table/2/NzUjMg==/populasi-ternak-menurut-kabupaten-kota-dan-jenis-ternak-di-provinsi-jawa-tengah-ekor-.html>



- Doni, D., Junaidi, J., & Danial, D. (2023). Alternative study on processing oil palm empty fruit bunches as suitable fuel and complying with standards for power plants. *Journal of Electrical Engineering, Energy, and Information Technology*, 11(3), 170. <https://doi.org/10.26418/j3eit.v11i3.69366>
- DPMPTSP Provinsi Jawa Tengah. (2023). *Realisasi Investasi Jawa Tengah Triwulan 1-Tahun 2023*. Semarang: DPMPTSP Provinsi Jawa Tengah. Retrieved from [https://ppid.dpmpstsp.jatengprov.go.id/packages/upload/portal/files/Jateng%20Release%20Realisasi%20Investasi%20Tahun%202023\\_020523%2013.55%20%281%29.pdf](https://ppid.dpmpstsp.jatengprov.go.id/packages/upload/portal/files/Jateng%20Release%20Realisasi%20Investasi%20Tahun%202023_020523%2013.55%20%281%29.pdf)
- Durakovic, C., & Memon, A. (2016). Potential of algae for biofuel production. *Periodicals of Engineering and Natural Sciences (PEN)*, 4(1). <https://doi.org/10.21533/PEN.V4I1.50>
- Environmental Performance Index. (2024, June 15). *Environmental Performance Index Indonesia*. Retrieved from <https://epi.yale.edu/epi-results/2024/country/idn>
- Ergene, L., Altıntaş, N., & Yeniyurt, M. (2025). The influence of financial markets, financial institutions and economic growth on environmental quality and sustainability: Testing the LCC hypothesis in the case of China. *Environment, Development and Sustainability*. Retrieved from <https://doi.org/10.1007/s10668-025-06319-9>
- European Commission. (2020). *Sustainable and optimal use of biomass for energy in the EU beyond 2020 Annexes of the Final Report*. European Commission.
- Fang, J., Gozgor, G., Mahalik, M. K., Mallick, H., & Padhan, H. (2022). Does urbanisation induce renewable energy consumption in emerging economies? The role of education in energy switching policies. *Energy Economics*, 111, 106081. doi:<https://doi.org/10.1016/j.eneco.2022.106081>
- Gayen, D., Chatterjee, & Roy, S. (2023). A review on environmental impacts of renewable energy for sustainable development. *International Journal of Environmental Science and Technology*, 21. doi:DOI: 10.1007/s13762-023-05380-z
- Ginting, D. B. (2009). Structural Equation Model (SEM). *Media Informatika*, 8(3), 121-134.
- Global Carbon Budget. (2024). *GCB 2024*. Exeter: Global Carbon Budget. Retrieved from Global Carbon Budget: <https://globalcarbonbudget.org/>
- Global Green Growth Institute. (n.d.). Green Growth Concepts and Definitions Working Paper. *Component 1B: Green Growth Tools*. Retrieved from <https://greengrowth.bappenas.go.id/wp-content/uploads/2018/05/Green-Growth-Concept-Definitions-Paper.pdf>
- Grudziński, Z. (2019). POLITYKA ENERGETYCZNA – ENERGY POLICY JOURNAL, 22(3), 45-56. doi:10.33223/epj/111963



- Hair, J. F., Hult, G. T., Ringle, C. M., & Sarstedt, M. (2017). *A Primer on Partial Least Squares Structural Equation Modeling (PLS-SEM) Second Edition (Second Edision)*. SAGE Publications.
- Hille, E., Althammer, W., & Diederich, H. (2020). Environmental regulation and innovation in renewable energy technologies: Does the policy instrument matter? *Technological Forecasting & Social Change*, 1-22. doi:<https://doi.org/10.1016/j.techfore.2020.119921>
- Huh, H.-S., & Park, C.-Y. (2018). Asia-Pacific regional integration index: Construction, interpretation, and comparison. *Journal of Asian Economics*, 54, 22-38. Retrieved from <https://doi.org/10.1016/j.asieco.2017.12.001>
- IESR. (2021). *Indonesia Energy Transition Outlook 2022. Tracking Progress of Energy Transition in Indonesia : Aiming for Net-Zero Emissions by 2050*. Jakarta: Institute for Essential Services Reform (IESR).
- IESR. (2025). *Unlocking Indonesia's Renewables Future: The Economic Case of 333 GW of Solar, Wind, and Hydro Projects*. Jakarta: Institute for Essential Services Reform (IESR).
- International Energy Agency. (2025, July 9). Indonesia. Retrieved from Emission: <https://www.iea.org/countries/indonesia/emissions>
- IRENA. (2016). *Renewable Energy Benefits: Measuring the Economics*. Retrieved from <https://www.irena.org/publications/2016/jan/renewable-energy-benefits-measuring-the-economics>
- IRENA. (2020). *Innovation outlook: Ocean energy technologies*. Abu Dhabi: International Renewable Energy Agency.
- Islam, M. M., Irfan, M., Shahbaz, M., & Vo, X. V. (2022). Renewable and non-renewable energy consumption in Bangladesh: The relative influencing profiles of economic factors, urbanization, physical infrastructure and institutional quality. *Renewable Energy*, 184, 1130-1149. doi:<https://doi.org/10.1016/j.renene.2021.12.020>
- Jaiswal, K. K., Chowdhury, C. R., Yadav, D., Verma, R., Dutta, S., Jaiswal, K. S., . . . Karuppasamy, K. S. (2022). Renewable and sustainabe clean energy development and impact on social, economic, and environmental health. *Energy Nexus*, 7(100118). doi:<https://doi.org/10.1016/j.nexus.2022.100118>
- Jones, B. (2011). Green Economy: Driving a Green Economy Through Public Finance and Fiscal Policy . *Journal of International Commerce, Economic and Policy*, 2(2), 325-349. Retrieved from <https://doi.org/10.1142/S1793993311000336>



- Kasztelan, A. (2017). Green Growth, Green Economy and Sustainable Development: Terminological and Relational Discourse. *Prague Economic Papers*, 487-499. doi:<https://doi.org/10.18267/j.pep.626>
- Keliat, M., Hirawan, F. B., Lestari, I., Farizi, O., Xu, N., Noor, R., & Fauzi, S. (2022). *Ekonomi Hijau dalam Visi Indonesia 2045*. Jakarta Timur: Laboratorium Indonesia 2045.
- Kementerian Lingkungan Hidup dan Kehutanan. (2025, Juli 10). Retrieved from Emisi dari sektor energi, IPPU, pertanian, kehutanan, & limbah: [https://signsmart.menlhk.go.id/v2.1/app/chart/emisi\\_p/index/3.8.28.0](https://signsmart.menlhk.go.id/v2.1/app/chart/emisi_p/index/3.8.28.0)
- Kementerian Lingkungan Hidup dan Kehutanan. (2025, Juli 10). Retrieved from Emisi dari sektor energi, IPPU, pertanian, kehutanan, & limbah: [https://signsmart.menlhk.go.id/v2.1/app/chart/emisi\\_p/index/3.8.28.0](https://signsmart.menlhk.go.id/v2.1/app/chart/emisi_p/index/3.8.28.0)
- Kong, Z., Zhang, H., Zhou, T., Xie, L., Wang, B., & Jiang, X. (2025). Biomass-derived functional materials: Preparation, functionalization, and applications in adsorption and catalytic separation of carbon dioxide and other atmospheric pollutants. *Separation and Purification Technology*, 354, 129099. Retrieved from <https://doi.org/10.1016/j.seppur.2024.129099>
- Kulasekara, H., & Seynuabdeen, V. (2019). A Review of Geothermal Energy for Future Power Generation. *International Conference on Advances in Electrical Engineering (ICAEE)*. Retrieved from <http://dx.doi.org/10.1109/ICAEE48663.2019.8975470>
- Lee, S. Y., Sankaran, R., Chew, K. W., Tan, C. H., Krishnamoorthy, R., Chu, D.-T., & Show, P.-L. (2019). Waste to bioenergy: a review on the recent conversion technologies. *BMC Energy*, 1(4). Retrieved from <https://doi.org/10.1186/s42500-019-0004-7>
- Li, M., Geng, Y., Zhou, S., & Sarkis, J. (2023). Clean energy transitions and health. *Heliyon*, 9(11), 21250. Retrieved from <https://doi.org/10.1016/j.heliyon.2023.e21250>
- Loiseau, E., Saikku, L., Antikainen, R., Droste, N., Hansjürgens, B., Pitkänen, K., Thomsen, M. (2016). Green economy and related concepts: An overview. *Journal of Cleaner Production*, 361-371. doi:<https://doi.org/10.1016/j.jclepro.2016.08.024>
- Lund, J. W., & Toth, A. N. (2021). Direct utilization of geothermal energy 2020 worldwide review. *Geothermics*, 90, 101915. Retrieved from <https://doi.org/10.1016/j.geothermics.2020.101915>
- M, E. P., & Rajendran, K. (2022). Energy Transition Landscape: Landscape Approach for Pollution-Generating Large-Scale Industries. In V. F. Ng, S. Srirangam, & S. N.

- Abidin, *Handbook of Research on Issues, Challenges, and Opportunities in Sustainable Architecture* (p. 35). IGI Global. doi:10.4018/978-1-6684-5119-9.ch012
- Mahmood, H., Irshad, A. u., & Tanveer, M. (2024). Doinnovation and renewable energy transition play their role in environmental sustainability in Western Europe? *Humanities & Social Sciences Communications*, *11*(22), 1-9. doi:<https://doi.org/10.1057/s41599-023-02539-4>
- Manso, J. R., & Behmiri, N. B. (2013). Renewable Energy and Sustainable Development. *Estudios de Economia Aplicada*, *31*, 7-34.
- Mashhadi, A. J., González, M. C., & Issa-Zadeh, B. (2024). The Contribution of Biomass Energy on Urban Sustainable Development: Opportunities and Challenges. *Environmental Research and Technology*. doi:10.35208/ert.1563758
- Michaël Aklin, J. U. (2013). Political Competition, Path Dependence, and the Strategy of Sustainable Energy Transitions. *American Journal of Political Science*, *57*(3), 643-658. Retrieved from <https://doi.org/10.1111/ajps.12002>
- Miroshnychenko, O. (2020). The R&D Spillovers, Innovation and Knowledge-based Economy. *Zagreb International Review of Economics & Business*, *23*, 91-104. doi:10.2478/zireb-2020-0025
- Nevins, M. G., & Apell, J. N. (2021). Emerging investigator series: quantifying the impact of cloud cover on solar irradiance and environmental photodegradation. *Environmental Science: Processes & Impacts*(12).
- Nguea, S. M. (2024). Combining the role of urbanization and renewable energy in sustainable development: testing the EKC hypothesis for Africa. *Environmental Science and Pollution Research*, *31*, 29595–29609. doi:<https://doi.org/10.1007/s11356-024-33175-3>
- Papilo, P., Kusumanto, I., & Kunaifi, K. (2017). Assessment of agricultural biomass potential to electricity generation in Riau Province. *IOP Conference Series: Earth and Environmental Science*, *65*(012006). doi:doi :10.1088/1755-1315/65/1/012006
- Pemerintah Indonesia. 2017. Peraturan Presiden Republik Indonesia Nomor 22 Tahun 2017 tentang Rencana Umum Energi Nasional. Jakarta.
- Pemerintah Indonesia. 2007. Undang-Undang Nomor 30 Tahun 2007 tentang Energi. Jakarta.
- Pemerintah Indonesia. 2016. Undang-Undang Nomor 16 Tahun 2016 tentang Pengesahan Paris Agreement to The United Nations Framework Convention on Climate Change (Persetujuan Paris Atas Konvensi Kerangka Kerja Perserikatan Bangsa-Bangsa Mengenai Perubahan Iklim). Jakarta.



- Pemerintah Indonesia. 2017. Peraturan Presiden Republik Indonesia Nomor 22 Tahun 2017 tentang Rencana Umum Energi Nasional. Jakarta.
- Pemerintah Indonesia. 2024. Undang-undang (UU) Nomor 59 Tahun 2024 tentang Rencana Pembangunan Jangka Panjang Nasional Tahun 2025-2045. Jakarta.
- Pemerintah Provinsi Jawa Tengah. 2016. Peraturan Daerah Provinsi Jawa Tengah Nomor 3 tahun 2016 tentang Pengelolaan Energi di Provinsi Jawa Tengah. Semarang.
- Pemerintah Provinsi Jawa Tengah. 2018. Peraturan Daerah Provinsi Jawa Tengah Nomor 3 tahun 2016 tentang Rencana Umum Energi Daerah Provinsi Jawa Tengah. Semarang.
- Persson, U. M. (2013). Socio-economic Consequences of Increased Biomass Demand. In B. Sandén, & K. Pettersson, *Systems Perspectives on Biorefineries*. Göteborg: Chalmers University of Technology.
- Prasetyo, A. (2022). *Strategi Implementasi RUEN-RUED untuk Mewujudkan Transisi Energi Indonesia*. Jakarta: Indonesian Parliamentary Center.
- Rhofita, E. I., Rachmat, R., Mayer, M., & Montastruc, L. (2022). An Energy Potential Estimation of Rice Residue in Indonesia: A Case Study in East Java. *IOP Conference Series: Earth and Environmental Science*, 1024(012029).
- Rhofita, E. I., Rachmat, R., Meyer, M., & Montastruc, L. (2022). Mapping analysis of biomass residue valorization as the future green energy generation in Indonesia. *Journal of Cleaner Production*, 354, 131667. doi:<https://doi.org/10.1016/j.jclepro.2022.131667>
- Roussafi, F. (2021). Regional development trajectories of renewable energy: Evidence from French regions. *Energy Strategy Reviews*, 35, 100639. Retrieved from <https://doi.org/10.1016/j.esr.2021.100639>
- Saikku, L., Antikainen, R., Droste, N., Pitkänen, K., Loiseau, E., Hansjürgens, B., Thomsen, M. (2015). *Implementing The Green Economy in European Context Lesson Learned From Theories, Concepts and Case Studies*. Helsinki: Partnership For European Environmental Research.
- Setyawan, E. Y., & Paepen, S. P. (2024). Utilization of Sengon Wood Sawdust as Bio-Pellet Feedstock: Characteristics, Potential, and Feasibility for Renewable Energy. *Jurnal Polimesin*, 22(4), 389. <https://doi.org/10.30811/jpl.v22i4.4916>
- Setyowati, A. B., & Quist, J. (2022). Contested transition? Exploring the politics and process of regional energy planning in Indonesia. *Energy Policy*, 1-11. doi:<https://doi.org/10.1016/j.enpol.2022.112980>



- Silwal, A. R., & Mckay, A. (2015). The Impact of Cooking with Firewood on Respiratory Health: Evidence from Indonesia. *The Journal of Development Studies*, 51(12), 1-15. doi:10.1080/00220388.2015.1056784
- Soto, G. H., & Martinez-Cobas, X. (2025). Energy poverty and the green energy transition's impact upon income inequality in Latin America. *Structural Change and Economic Dynamics*, 72, 220-232. Retrieved from <https://doi.org/10.1016/j.strueco.2024.09.015>
- Sukarta, I. N., & Wayan, I. (2023). Proximate Analysis and Calorific Value of Fuel Briquettes from Wood and Coffee Skins Biomass as a Renewable Energy Source. <https://doi.org/10.12912/27197050/172506>
- Suroso, D. S., Prilandita, N., Anindito, D. B., & Hastari, M. A. (2023). Climate-Energy Governance Model in Indonesia. *Climate Strategies*. Retrieved from <https://climatestrategies.org/publication/new-snapfi-report-climate-energy-governance-model-in-indonesia/>
- Swain, R. B., Karimu, A., & Gråd, E. (2022). Sustainable development, renewable energy transformation and employment impact in the EU. *International Journal of Sustainable Development & World Ecology*, 29(8), 695-708. doi:<https://doi.org/10.1080/13504509.2022.2078902>
- Tang, M. (2014). Identifying opportunities to cultivate algae combined with wastewater recycling as a source of renewable energy in Southeast Asia. <https://researchrepository.murdoch.edu.au/id/eprint/26786/>
- Tiep, L. T., Huan, N. Q., & Hong, T. T. (2020). The Impact of Renewable Energy on Sustainable Economic Growth in Vietnam. *International Journal of Energy Economics and Policy*, 10(6), 359-369.
- Tomar, S., Agarwal, S., Singh, H., Kumar, R., Qureshi, K. A., Jaremko, M., Emwas, A.-H. M., & Rai, P. K. (2023). Microalgae: A promising source for biofuel production. *Biocatalysis and Agricultural Biotechnology*. <https://doi.org/10.1016/j.bcab.2023.102877>
- Ullah, A., Nobanee, H., Ullah, S., & Iftikhar, H. (2024). Renewable energy transition and regional integration: Energizing the pathway to sustainable development. *Energy Policy*, 193, 114270. Retrieved from <https://doi.org/10.1016/j.enpol.2024.114270>
- United Nations. (2012). *Report of the United Nations Conference on Sustainable Development*. New York: United Nations.
- United Nations. (2015). *Paris Agreement*. United Nations.



- 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*, 1-12. doi:<https://doi.org/10.1016/j.heliyon.2024.e30243>
- Wang, S., & Wang, S. (2015). Impacts of wind energy on environment: A review. *Renewable and Sustainable Energy Reviews*, *49*, 437-443. Retrieved from <https://doi.org/10.1016/j.rser.2015.04.137>
- Xiong, T. (2025). Assessing the Impact of Renewable Energy Transition on the Environmental Sustainability and Carbon Neutrality in China: Composite Index Approach. *Applied and Computational Engineering*, *124*(1), 106-117. doi: 10.54254/2755-2721/2025.20015
- Zhao, S., Jiang, Y., & Wang, S. (2019). Innovation stages, knowledge spillover, and green economy development: moderating role of absorptive capacity and environmental regulation. *Environmental Science and Pollution Research*, 25312–25325. doi:<https://doi.org/10.1007/s11356-019-05777-9>