

DAFTAR PUSTAKA

- Abdou, I., et al, 2025. Road Transport and Urban Mobility Greenhouse Gas Emissions Factor for Air Pollution Modeling in Burkina Faso. *Journal of Urban Mobility* 7, 100106. <https://doi.org/10.1016/j.urbmob.2025.100106>.
- Abdullah, Z., et al, 2024. The impact of fuel cell vehicles deployment on road transport greenhouse gas emissions through 2050 : Evidence from 15 G20 countries. *Journal of Environmental Management* 370, 122660. <https://doi.org/10.1016/j.jenvman.2024.122660>.
- Amiri, S., et al, 2025. ScienceDirect Modeling Transportation Time Series using Bayesian Dynamic Linear Models. 82, 3352–3360. <https://doi.org/10.1016/j.trpro.2024.12.090>.
- Budihardjo, A., et al, 2021. *Jurnal Presipitasi Vehicles : A Case Study of Semarang City from Heavy*. 18, 254–260.
- Andi Ibrahim Yunus,Darmiono,Zulfhazli Abdullah,Adik Rudiyanto,Heru Pramanda,Muhammad Azhari,Liza Afra,Ilham,Lis Ayu Widari,Bunyamin, 2026. *Manajemen Transportasi*. PT. Penerbit Qriset Indonesia.
- Champeechoensuk, T., et al, 2025. Energy for Sustainable Development Global warming potential and environmental impacts of electric vehicles and batteries in Association of Southeast Asian Nations (ASEAN). *Energy for Sustainable Development* 101723. <https://doi.org/10.1016/j.esd.2025.101723>.
- Chandra, I., 2021. Quantitative analysis of automobile sector in Indonesian automotive roadmap for achieving national oil and CO 2 emission reduction targets by 2030. *Energy Policy* 150, 112135. <https://doi.org/10.1016/j.enpol.2021.112135>.
- Choldiputri, N.T., et al, 2024. Efficiency Study of Substitution of Official Vehicles in Banten Province with EVs (Electric Vehicle) To Reduce Carbon Emissions Efficiency Study of Substitution of Official Vehicles in Banten Province with EVs (Electric Vehicle) To Reduce Carbon Emiss. <https://doi.org/10.1088/1755-1315/1307/1/012003>.
- Ciuffo, B., et al, 2017. Impact of Different Driving Cycles and Operating

- Conditions on CO₂ Emissions and Energy Management Strategies of a Euro-6 Hybrid Electric Vehicle. <https://doi.org/10.3390/en10101590>.
- Echeverría, R.S., et al, 2025. Adoption of Electric Vehicles and Forecasting Air Emissions in the Metropolitan Area of Mexico City by 2050. 1–20. <https://doi.org/doi.org/10.3390/wevj16010033>.
- Erahman, Q.F., et al, 2019. Modeling Future Energy Demand and CO₂ Emissions.
- Fatma, N., et al, 2020. A Review of the Measurement Method , Analysis and Implementation Policy of Carbon Dioxide Emission from Transportation. <https://doi.org/doi:10.3390/su12145873>.
- Friedlingstein, P., et al, 2023. Global Carbon Budget 2023. 5301–5369. <https://doi.org/doi.org/10.5194/essd-15-5301-2023>.
- Gan, Y., et al, 2021. Taking into account greenhouse gas emissions of electric vehicles for transportation de-carbonization. *Energy Policy* 155, 112353. <https://doi.org/10.1016/j.enpol.2021.112353>.
- Guo, Y., et al, 2021. Transportation Research Interdisciplinary Perspectives Road transport electrification – Is timing everything ? Implications of emissions analysis ' outcomes for climate and air policy. *Transportation Research Interdisciplinary Perspectives* 12, 100478. <https://doi.org/10.1016/j.trip.2021.100478>.
- Harris, C.R., et al, 2020. Array programming with NumPy. *Nature* 585, 357–362. <https://doi.org/10.1038/s41586-020-2649-2>.
- Ikwál, A., & Pranoto, H., 2025. Analysis of Carbon Emission Calculation on Converted Electric Vehicles to Determine Emission Reduction Potential: Review. *JMPM (Jurnal Material dan Proses Manufaktur)* 9, 106–115. <https://doi.org/10.18196/jmpm.v9i2.27875>.
- Imansyah, Y., & Imaroh, T.S., 2024. *Journal of Applied Business , Taxation and Economics Research (JABTER)* Forecasting Analysis of Production and Sales of LCGC Cars in Indonesia. 4, 245–266. <https://doi.org/10.54408/jabter.v4i2.360>.
- International Energy Agency, 2022. CO₂ Emissions in 2022. IEA, European.

- Jolodoro, G., & Perdana, T., 2025. A Sustainability Assessment of Electric Vehicles for Enhancing Energy Security and Reducing Emissions in Indonesia. 1–23. <https://doi.org/doi.org/10.3390/su17104681> Copyright:
- Kurniawan, A.Y.W., et al, 2020. The Impact of Electric Vehicle on Road Transportation in Indonesia: Energy Demand and CO2 Emission. 5, 36–45. <https://doi.org/10.17977/um024v5i22020p036>.
- Lai, X., et al, 2022. Critical review of life cycle assessment of lithium-ion batteries for electric vehicles : A lifespan perspective. *eTransportation* 12, 100169. <https://doi.org/10.1016/j.etrans.2022.100169>.
- Lim, H., et al, 2020. Population Age Structure and Greenhouse Gas Emissions from Road Transportation : A Panel Cointegration Analysis of 21 OECD Countries.
- Liza Afra; Sabriani; Zulfhazli Abdullah; Nura Usrina; Ruslan; Khairul Amna; Heru Pramanda; Muthmainnah; Maudhy Satyadharma; Bunyamin, 2026. Dasar- dasar Perencanaan Transportasi: Pendekatan Terpadu untuk Sistem Transportasi. Bit Pt. Kamiya Jaya Aquatic.
- Mandel, I., et al, 2021. Climate Change Report IPCC 2021 – a Chimera of Science and Politics.
- Pirmana, V., et al, 2023. Economic and environmental impact of electric vehicles production in Indonesia. *Clean Technologies and Environmental Policy* 25, 1871–1885. <https://doi.org/10.1007/s10098-023-02475-6>.
- Prasada, I.M.Y., & Dhamira, A., 2022. Using the IPCC Formula to Calculate CO2 Emissions from Everyday Motorized Vehicles as the Baseline for Climate Change Mitigation Policies Using the IPCC Formula to Calculate CO2 Emissions from Everyday Motorized Vehicles as the Baseline for Climate Change. <https://doi.org/10.1088/1755-1315/1105/1/012049>.
- Pratiwi, N.I., et al, 2025. Jurnal Presipitasi Impact of Electric Vehicle Transition Scenarios on Road Transport Emission in Semarang City. 22, 301–313.
- Rahanra, F., & Diawati, L., 2023. Assessment of CO2 Emission of Electric Vehicles based on Life Cycle Assessment and System Dynamics Methodology. 219–235.

- Rahayu, H.G., & Kurniati, R., 2023. Strategic Policy on Green Transportation in Semarang. Atlantis Press SARL.
- Scrucca, F., et al, 2025. Life cycle assessment of Li-ion batteries for electric vehicles: A review focused on the production phase impact. *Journal of Power Sources* 639, 236703. <https://doi.org/10.1016/j.jpowsour.2025.236703>.
- Setiawan, A.D., et al, 2022. Investigating policies on increasing the adoption of electric vehicles in Indonesia. *Journal of Cleaner Production* 380, 135097. <https://doi.org/10.1016/j.jclepro.2022.135097>.
- Sukarno, I., et al, 2016. Transportation energy consumption and emissions - a view from city of Indonesia. *Future Cities and Environment*. <https://doi.org/10.1186/s40984-016-0019-x>.
- Tansini, A., et al, 2022. Quantifying the real-word CO2 emissions and energy consumption of modern plug-in hybrid vehicles. *Journal of Cleaner Production* 362, 132191. <https://doi.org/doi.org/10.1016/j.jclepro.2022.132191>.
- Xu, H., et al, 2021. Utilization of electric vehicles as an energy alternative to reduce carbon emissions Utilization of electric vehicles as an energy alternative to reduce carbon emissions. <https://doi.org/10.1088/1755-1315/926/1/012094>.