

DAFTAR PUSTAKA

- Akbostancı, E., Türüt-Aşık, S., & Tunç, G. İ. (2009). The Relationship Between Income and Environment in Turkey: Is There An Environmental Kuznets Curve?. *Energy policy*, 37(3), 861-867.
- Alfredsson, E., Månsson, J., & Vikström, P. (2016). Internalising External Environmental Effects in Efficiency Analysis: The Swedish Pulp and Paper Industry 2000–2007. *Economic Analysis and Policy*, 51, 22-31.
- Antweiler, W., Copeland, B. R., & Taylor, M. S. (2001). Is Free Trade Good for The Environment?. *American Economic Review*, 91(4), 877-908.
- Aswicahyono, H., & Hill, H. (2002). 'Perspiration' vs 'Inspiration' in Asian Industrialisation: Indonesia Before The Crisis. *Journal of Development Studies*, 38(3), 138-163.
- Badan Pusat Statistik – BPS. (2019). *Statistik Perdagangan Luar Negeri Indonesia Ekspor Menurut Kode ISIC 2017-2018*. Jakarta: Subdirektorat Statistik Ekspor.
- _____. (2015). *Statistik Industri Manufaktur*. Jakarta: Subdirektorat Industri Besar dan Sedang.
- Bilgili, F., Ulucak, R., Koçak, E., & İlkay, S. Ç. (2020). Does Globalization Matter for Environmental Sustainability? Empirical Investigation for Turkey by Markov Regime Switching Models. *Environmental Science and Pollution Research*, 27(1), 1087-1100.
- Chambers, R.G., Chung, Y.H., Fare, R. (1996) Benefit and Distance Function. *Journal of Economic Theory*, 70, 407-419.
- Chen, N., Xu, L., & Chen, Z. (2017). Environmental Efficiency Analysis of The Yangtze River Economic Zone Using Super Efficiency Data Envelopment Analysis (SEDEA) and Tobit Models. *Energy*, 134, 659-671.
- Chung, Y. H., Färe, R., & Grosskopf, S. (1997). Productivity and Undesirable Outputs: A DDF Approach. *Journal of Environmental Management*, 51: 229-240.
- Dewan Energi Nasional – DEN. (2019). *Outlook Energy Indonesia*. Jakarta: Sekretariat Jenderal Dewan Energi Nasional.
- Dietz, F. J., van der Straaten, J., & van der Ploeg, F. (Eds). (2013). *Environmental Policy and the Economy*. Elsevier.
- Dinda, S. (2004). Environmental Kuznets Curve Hypothesis: A Survey. *Ecological Economics*, 49(4), 431-455.

- Domazlicky, B. R., & Weber, W. L. (2004). Does Environmental Protection Lead to Slower Productivity Growth in the Chemical Industry?. *Environmental and Resource Economics*, 28(3), 301-324.
- Doytch, N., & Uctum, M. (2016). Globalization and The Environmental Impact of Sectoral FDI. *Economic Systems*, 40(4), 582-594.
- Fan, Y., Bai, B., Qiao, Q., Kang, P., Zhang, Y., & Guo, J. (2017). Study on Eco-efficiency of Industrial Parks in China Based on Data Envelopment Analysis. *Journal of Environmental Management*, 192, 107-115.
- Färe, R., Grosskopf, S., Noh, D. W., & Weber, W. (2005). Characteristics of a Polluting Technology: Theory and Practice. *Journal of Econometrics*, 126(2), 469-492.
- Färe, R., Grosskopf, S., & Pasurka Jr, C. A. (2007). Environmental Production Functions and Environmental Directional Distance Functions. *Energy*, 32(7), 1055-1066.
- Fauzi, Akhmad. (2006). *Ekonomi Sumber Daya Alam dan Lingkungan: Teori dan Aplikasi*. Jakarta: Gramedia.
- Field, B. C., & Olewiler, N. D. (2002). *Environmental Economics*, 2 nd. Canadian ed.
- Fuji, H., & Managi, S. (2013). Determinants of Eco-efficiency in the Chinese Industrial Sector. *Journal of Environmental Sciences*, 25(S1), S20-S26.
- Fodha, M., & Zaghdoud, O. (2010). Economic Growth and Pollutant Emissions in Tunisia: An Empirical Analysis of The Environmental Kuznets Curve. *Energy Policy*, 38(2), 1150-1156.
- Grossman, G. M., & Krueger, A. B. (1991). *Environmental Impacts of a North American Free Trade Agreement* (No. w3914). National Bureau of Economic Research.
- Gujarati, D. N., & Porter, D. (2009). *Basic Econometrics*. New York: Mc Graw-Hill International Edition.
- Gunnar, S., Eskeland, A., & Harrison, E. (2003). Moving to Multinationals and The Pollution Haven Hypothesis. *Journal of Development Economics*, 70, 1-23.
- Hailu, A. & Veeman, T.S. (2001). Non-Parametric Productivity Analysis with Undesirable Outputs: An Application to The Canadian Pulp and Paper Industry. *American Journal of Agricultural Economics*, 83(3), 605-616.
- He, J. (2006). Pollution haven Hypothesis and Environmental Impacts of Foreign Direct Investment: The Case of Industrial Emission of Sulfur Dioxide (SO₂) in Chinese Provinces. *Ecological Economics*, 60(1), 228-245.
- Hill, H., & Kalirajan, K. P. (1993). Small Enterprise and Firm-Level Technical Efficiency in the Indonesian Garment Industry. *Applied Economics*, 25(9), 1137-1144.

- Hoang, V-N., Alaudin, M., (2012). Input-Oriented Data Envelopment Analysis Framework for Masuring and Decomposing Economic, Environmental and Ecological Efficiency: An Application to OECD Agriculture. *Environmental and Resource Economics*, 51, 431-452.
- Huppes, G., & Ishikawa, M. (2005). A Framework for Quantified Eco-Efficiency Analysis. *Journal of Industrial Ecology*, 9(4), 25-41.
- _____. (2007). An Introduction to Quantified Eco-Efficiency Analysis. *Quantified Eco-Efficiency*, 1-38.
- Intergovernmental Panel on Climate Change – IPCC. (2014). *Climate Change 2014: Synthesis Report*. Contribution of Working Groups I, II, and III to The Fifth Assessment Report of The Intergovernmental Panel on Climate Change. Geneva, Switzerland: IPCC.
- Iskandar, A. (2019). Economic Growth and CO2 Emissions in Indonesia: Investigating the Environmental Kuznets Curve Hypothesis Existence. *Jurnal BPPK*, 20.
- Jalil, A., & Mahmud, S. F. (2009). Environment Kuznets Curve for CO2 Emissions: A Cointegration Analysis for China. *Energy policy*, 37(12), 5167-5172.
- Jaunky, V. C. (2011). The CO2 Emissions-Income Nexus: Evidence from Rich Countries. *Energy Policy*, 39(3), 1228-1240.
- Karakaya, E., & Özçağ, M. (2005). Driving Forces of CO2 Emissions in Central Asia: A Decomposition Analysis of Air Pollution from Fossil Fuel Combustion. *Arid Ecosystems Journal*, 11(26-27), 49-57.
- Kementerian Lingkungan Hidup - KLH. (2012). *Pedoman Penyelenggaraan Inventarisasi Gas Rumah Kaca Nasional, Buku II - Volume 1 Metodologi Penghitungan Tingkat Emisi Gas Rumah Kaca*. Jakarta: KLH.
- Kementerian Lingkungan Hidup dan Kehutanan – KLHK. (2018). *Laporan Inventaris Gas Rumah Kaca dan Monitoring, Pelaporan, Verifikasi*. Jakarta: Direktorat Jenderal Pengendalian Perubahan Iklim.
- Kementerian Perindustrian – Kemenperin. (2017). *Booklet Informasi Industri*. Jakarta: Pusat Data dan Informasi.
- Koopmas, T.C., (1951). Analysis of Production as an Efficient Combination of Activities. *Activity Analysis of Production and Allocation*, 36, 27-56.
- Kumar, S. (2006). Environmentally Sensitive Productivity Growth: A Global Analysis Using Malmquist–Luenberger Index. *Ecological Economics*, 56(2), 280-293.
- Kuznets, S. (1955). Economic Growth and Income Inequality. *The American economic review*, 45(1), 1-28.

- Lau, L. S., Choong, C. K., & Eng, Y. K. (2014). Investigation of The Environmental Kuznets Curve for Carbon Emissions in Malaysia: do foreign direct investment and trade matter?. *Energy Policy*, 68, 490-497.
- Li, M., & Wang, Q. (2014). International Environmental Efficiency Differences and Their Determinants. *Energy*, 78, 411-420.
- Lovell, C.A.K., Pastor, J.T., Turner, J.A. (1995). Measuring Macroeconomic Performance in the OECD: A Comparison of European and Non-European Countries. *European Journal of Operation Research*, 87(3), 507-518.
- Mandal, S. K., & Madheswaran, S. (2010). Environmental Efficiency of The Indian Cement Industry: An Interstate Analysis. *Energy Policy*, 38(2), 1108-1118.
- Manello, A. (2012). Efficiency and Productivity Analysis in Presence of Undesirable Output: An Extended Literature Review. *Efficiency and productivity in presence of undesirable outputs*, 15.
- Margono, H., & Sharma, S. C. (2006). Efficiency and Productivity Analyses of Indonesian Manufacturing Industries. *Journal of Asian Economics*, 17(6), 979-995.
- Ministry of Energy and Mineral Resources – MEMR. (2018). *Handbook of Energy & Economic Statistics of Indonesia*. Jakarta: Center for Data and Information Technology.
- Nicholsom, W., & Snyder, C. M. (2012). *Microeconomics Theory: Basic Principles and Extensions*. Nelson Education.
- Oggioni, G., Riccardi, R., & Toninelli, R. (2011). Eco-efficiency of The World Cement Industry: A Data Envelopment Analysis. *Energy policy*, 39(5), 2842-2854.
- Perman, R., Ma, Y., McGilvray, J., Common, M. (2003). *Natural Resources and Environmental Economics*. USA: Pearson.
- Picazo-Tadeo, A. J., Beltrán-Esteve, M., & Gómez-Limón, J. A. (2012). Assessing Eco-Efficiency with Directional Distance Functions. *European Journal of Operational Research*, 220(3), 798-809.
- Picazo-Tadeo, A. J., Gómez-Limón, J. A., & Reig-Martínez, E. (2011). Assessing Farming Eco-Efficiency: A Data Envelopment Analysis Approach. *Journal of Environmental Management*, 92(4), 1154-1164.
- Pierce, D., & Turner, K. (1990). Economics Resources and The Environment. *Washington DC: Jhon Hopkins*, 191-213.
- Pitt, M. M., & Lee, L. F. (1981). The Measurement and Sources of Technical Inefficiency in the Indonesian Weaving Industry. *Journal of development economics*, 9(1), 43-64.

- Purnawan, F., Fauzi, A., & Simanjuntak, S. M. (2015). Developing an empirical Environmental Kuznets Curve. *Economic Journal of Emerging Markets*, 7(1), 48-59.
- Ramli, N. A., & Munisamy, S. (2013). Modeling Undesirable Factors in Efficiency Measurement Using Data Envelopment Analysis: A Review. *Journal of Sustainability Science and Management*, 8(1), 126-135.
- Reza, A. K., Islam, M. S., & Shimu, A. A. (2017). Green Industry in Bangladesh: An Overview. *Environmental Management and Sustainable Development*, 6(2), 124.
- Robaina-Alves, M., Moutinho, V., & Macedo, P. (2015). A New Frontier Approach to Model The Eco-Efficiency in European Countries. *Journal of Cleaner Production*, 103, 562-573.
- Saboori, B., Sulaiman, J. B., & Mohd, S. (2012). An empirical analysis of the environmental Kuznets curve for CO2 emissions in Indonesia: the role of energy consumption and foreign trade. *International Journal of Economics and Finance*, 4(2), 243-251.
- Sari, D. P., Hartini, S., Rinawati, D. I., & Wicaksono, T. S. (2012). Pengukuran Tingkat Eko-efisiensi Menggunakan Life Cycle Assessment untuk Menciptakan Sustainable Production di Usaha Kecil Menengah Batik. *Jurnal Teknik Industri*, 14(2), 137-144.
- Shahbaz, M., Khraief, N., Uddin, G. S., & Ozturk, I. (2014). Environmental Kuznets Curve in An Open Economy: A Bounds Testing and Causality Analysis for Tunisia. *Renewable and Sustainable Energy Reviews*, 34, 325-336.
- Stern, D. I. (2002). Explaining Changes in Global Sulfur Emissions: An Econometric Decomposition Approach. *Ecological Economics*, 42(1-2), 201-220.
- Sun, S. (2006). *Technical Efficiency and Its Determinants in Gansu, West China* (No. 355). Australia-Japan Research Centre.
- Tanzeh, A. (2011). *Pengantar Metodologi Penelitian*. Yogyakarta: Teras.
- Tao, S., Zheng, T., & Lianjun, T. (2008). An Empirical Test of The Environmental Kuznets Curve in China: a panel cointegration approach. *China Economic Review*, 19(3), 381-392.
- Taskin, F., & Zaim, O. (2000). Searching for a Kuznets Curve in Environmental Efficiency Using Kernel Estimation. *Economics Letters*, 68(2), 217-223.
- Timmer, M. P. (1999). Indonesia's Ascent on the Technology Ladder: Capital Stock and Total Factor Productivity in Indonesian Manufacturing, 1975–95. *Bulletin of Indonesian Economic Studies*, 35(1), 75-97.

- United Nations Industrial Development Organization - UNIDO (2011) (online) diakses pada <http://www.unido.org/>.
- Wang, S. S., Zhou, D. Q., Zhou, P., & Wang, Q. W. (2011). CO2 Emissions, Energy Consumption and Economic Growth in China: A Panel Data Analysis. *Energy Policy*, 39(9), 4870-4875.
- Winarno, O.T. (2013). *Panduan Perencanaan Energi*. Bandung: Pusat Kajian Kebijakan Energi Institut Teknologi Bandung.
- Windrianto, Y., Lucitasari, D. R., & Berlianty, I. (2016). Pengukuran Tingkat Eko-efisiensi Menggunakan Metode Life Cycle Assessment (LCA) untuk Menciptakan Produksi Batik yang Efisien dan Ramah Lingkungan (Studi Kasus di UKM Sri Kuncoro Bantul). *Opsi*, 9(2), 143-149.
- World Business Council for Sustainable Development – WBCSD. (2000). *Measuring Eco-Efficiency: A Guide to Reporting Company Performance*. Geneva: WBCSD.
- World Resources Institute – WRI (2019) (online) diakses pada <http://www.climatewatchdata.org/>.
- Wu, R., Zhang, J., Bao, Y., Lai, Q., Tong, S., & Song, Y. (2016). Decomposing The Influencing Factors of Industrial Sector Carbon Dioxide Emissions in Inner Mongolia Based on the LMDI Method. *Sustainability*, 8(7), 661.
- Yuan, P., Cheng, S., Sun, J., & Liang, W. (2013). Measuring The Environmental Efficiency of The Chinese Industrial Sector: A Directional Distance Function Approach. *Mathematical and Computer Modelling*, 58(5-6), 936-947.
- Zaim, O., & Taskin, F. (2000). Environmental Efficiency in Carbon Dioxide Emissions in the OECD: A Non-Parametric Approach. *Journal of Environmental Management*, 58(2), 95-107.
- Zhang, N., & Choi, A. (2014). Note on the Evolution of Directional Distance Function and Its Development in Energy and Environmental Studies 1997-2013. *Renewable and Sustainable Energy Reviews*, 33, 50-59.
- Zhou, C., Shi, C., Wang, S., & Zhang, G. (2018). Estimation of Eco-Efficiency and Its Influencing Factors in Guangdong Province Based on Super-SBM and Panel Regression Models. *Ecological Indicators*, 86, 67-80.
- Zhou, P., Ang, B.W., & Poh, K.L. (2008). A Survey of Data Envelopment Analysis in Energy and Environmental Studies. *European Journal of Operational Research*, 189, 1-18.