

DAFTAR PUSTAKA

- Nwankwojike, B., Odukwe, A., & Agunwamba, J. (2011). Modification of Sequence of Unit Operations in Mechanized Palm Fruit Processing. *Nigerian Journal of Technology*, 30(3), 41-49.
- Allenby, B. (2006). The Ontologies of Industrial Ecology Progress in Industrial Ecology. *Progress in Industrial Ecology – An International Journal*, 3, 28-40.
- Andie. (2021). *Balai Besar Pelatihan Pertanian Binuang Kalimantan Selatan Indonesia*. Diakses pada 7 Juli 2022 melalui <https://bbppbinuang.bppsdp.pertanian.go.id/panen-kelapa-sawit/>
- Arif, M. (2019). *Pemodelan Sistem*. Yogyakarta: Deepublish.
- Badan Pengelola Dana Perkebunan Kelapa Sawit . (2022). *Pendapatan Ekspor Sawit pada 2021*.
- Badan Pusat Statistik. (2020). *Direktori Perusahaan Perkebunan Kelapa Sawit*.
- Badan Pusat Statistik. (2021). *Ekspor Minyak Kelapa Sawit Menurut Negara Tujuan Utama, 2012-2020*. Diakses pada 1 Juli 2022 melalui <https://www.bps.go.id/statictable/2014/09/08/1026/ekspor-minyak-kelapa-sawit-menurut-negara-tujuan-utama-2012-2020.html>
- Badan Pusat Statistik. (2021). *Luas Tanaman Perkebunan Menurut Provinsi (Ribu Hektar), 2019-2021*. Diakses pada 1 Juli 2022 melalui <https://www.bps.go.id/indicator/54/131/1/luas-tanaman-perkebunan-menurut-provinsi.html>
- Beamon, B. (2005). Environmental and Sustainability Ethics in Supply Chain Management. *Science and Engineering Ethics*, 11(2), 221-234.
- Cooper, H., Evers, S., Aplin, P., Crout, N., Dahalan, M., & Sjogersten, S. (2020). Greenhouse Gas Emissions Resulting from Conversion of Peat Swamp Forest to Oil Palm Plantation. *Nature Communications*, 11(1), 407.
- Dheeraj, N., & Vishal, N. (2012). An Overview of Green Supply Chain Management in India. *Research Journal of Recent Sciences ISSN 2277-2502*, 1(6), 77-82.
- Facts and Factors. (2021). *Forecast for Sustainable Palm Oil Market Size and Demand Surges to USD 30,100 Million By 2026: Facts & Factors*. Diakses pada 1 Juli 2022 melalui <https://www.globenewswire.com/en/news-release/2021/04/12/2208348/0/en/Forecast-for-Sustainable-Palm-Oil-Market-Size-Demand-Surges-to-USD-30-100-Million-By-2026-Facts-Factors.html>

- Farrell, M.J. (1957). The Measurement of Productive Efficiency. *Journal of the Royal Statistical Society*, 120, 253-290.
- Frosch, R., & Gallopoulos, N. (1989). Strategies for Manufacturing. *Scientific American*, 261, 144-152.
- Ghosh, P., Jha, A., & Sharma, R. (2020). Managing Carbon Footprint for a Sustainable Supply Chain: A Systematic Literature Review. *Modern Supply Chain Research and Applications*, 2(3), 123-141.
- Golgowski, N. (2018). *How To Be Palm Oil-Conscious This New Year*. Diakses pada 1 Juli 2022 melalui https://www.huffpost.com/entry/palm-oil-conscious_n_5c111a6be4b00e17a534dc06
- GreenDelta. (2020). *OpenLCA 1.0 Comprehensive User Manual*.
- Hadi, M. M. (2004). *Teknik Berkebun Kelapa Sawit*. Yogyakarta: Adicita Karya Nusa.
- Hendratmoko, P., & Dewantoro, Y. (2018). Pemetaan Emisi CO2 Hasil Kontribusi Kegiatan Transportasi di Kota Tegal Jawa Tengah. *Jurnal Keselamatan Transportasi Jalan ISSN 2338-4247*, 19-28.
- Henson, I. E. (1999). Comparative Ecophysiology of Oil Palm and Tropical Rainforest. *Oil Palm and the Environment: A Malaysian Perspective*, 9-39.
- Himmah, E., Widyaningsih, M., & Maysaroh. (2020). Identifikasi Kematangan Buah Kelapa Sawit Berdasarkan Warna RGB dan HSV Menggunakan Metode K-Means Clustering. *Jurnal Sains dan Informatika*, 9(2), 193-202.
- Idowu, S. O. (2013). World Business Council for Sustainable Development. *Encyclopedia of Corporate Social Responsibility*.
- Ipoint. (2018). *Life Cycle Impact Assessment – which are the LCIA indicator sets most widely used by practitioners?* Diakses pada 15 Juli 2022 melalui <https://www.ipoint-systems.com/blog/lcia-indicator/>
- Ismail, H., & Hanafiah, M. (2019). An overview of LCA application in WEEE management: Current practices, progress and challenges. *Journal of Cleaner Production*, 232, 79-93.
- ISO. (2016). *Environmental management — Life cycle assessment*.
- JRC European Commission. (2011). *ILCD Handbook: Recommendations for Life Cycle Impact Assessment in the European context*. Italy: European Union.
- Kementerian Lingkungan Hidup dan Kehutanan. (2020). *PROPER 2020: Masa Pandemi Masa untuk Peduli & Berbagi*.
- Kementerian Lingkungan Hidup dan Kehutanan. (2021). *47 Perusahaan Raih PROPER Emas*

- Tahun 2021. Diakses pada 1 Juli 2022 melalui https://www.menlhk.go.id/site/single_post/4595/47-perusahaan-raih-proper-emas-tahun-2021
- Kementerian Lingkungan Hidup dan Kehutanan. (2021). *Laporan Inventarisasi Gas Rumah Kaca (GRK) dan Monitoring, Pelaporan, Verifikasi (MPV)*.
- Kementerian Lingkungan Hidup dan Kehutanan. (2021). *Penetapan Peringkat PROPER periode 2020-2021*. Diakses pada 10 Juli 2022 melalui <https://proper.menlhk.go.id/proper/berita/detail/348>
- Kementerian Pertanian Republik Indonesia. (2019). *Peremajaan Kelapa Sawit Untuk Tingkatkan Pendapatan Petani dan Kemajuan Sawit Indonesia*. Diakses pada 7 Juli 2022 melalui <https://www.pertanian.go.id/home/?show=news&act=view&id=2298>
- Kristanto, P. (2013). *Ekologi Industri*. Yogyakarta: Andi offset.
- Labiba, D., & Pradoto, W. (2018). Sebaran Emisi CO₂ Dan Implikasinya terhadap Penataan Ruang Area Industri di Kendal. *Jurnal Pengembangan Kota*, 6(2), 164-173.
- Lasco, R. D. (2002). Forest Carbon Budgets in Southeast Asia Following Harvesting and Land Cover Change. *Science in China (Series C)*, 45, 55-64.
- Murray-Smith, D. (2015). *Testing and Validation of Computer Simulation Models: Principles, Methods, and Applications*. Springer, Cham.
- Olagunju, B., & Olanrewaju, O. (2020). Comparison of Life Cycle Assessment Tools in Cement Production. *South African Journal of Industrial Engineering*, 31(4), 70-83.
- Paterson, R., & Lima, N. (2018). Climate Change Affecting Oil Palm Agronomy, and Oil Palm Cultivation Increasing Climate Change, Require Amelioration. *Ecology and Evolution*, 8(1), 452-461.
- PROPER. (2020). *Masa Pandemi Masa untuk Peduli dan Berbagi*. Jakarta: Kementerian Lingkungan Hidup dan Kehutanan Republik Indonesia.
- Reap, J., Roman, F., Duncan, S., & Bras, B. (2008). A Survey of Unresolved Problems in Life Cycle Assessment. Part 1: Goal and Scope and Inventory Analysis. *The International Journal of Life Cycle Assessment*, 13(4), 290-300.
- ReCiPe. (2011). *LCIA: The ReCiPe model*. Diakses pada 15 Juli 2022 melalui <https://www.rivm.nl/en/life-cycle-assessment-lca/recipe>
- Ritchie, H., & Roser, M. (2020). *Emissions by Sector*. Diakses pada 1 Juli 2022 melalui <https://ourworldindata.org/emissions-by-sector>
- Rosa, A., Grammatikos, S., Urgan, G., Aradoaei, S., Summerscales, J., Ciobanu, R., &

- Schreiner, C. (2021). Recovery of Electronic Wastes as Fillers for Electromagnetic Shielding in Building Components: An LCA Study. *Journal of Cleaner Production*, 280, 124593.
- RSPO. (2020). *A Global Standard for Sustainable Palm Oil*. Diakses pada 7 Juli 2022 melalui <https://rspo.org/certification>
- SDGs Bappenas. (2020). *Sekilas SDGs*. Diakses pada 7 Juli 2022 melalui <https://sdgs.bappenas.go.id/sekilas-sdgs>
- Sheil, D., Casson, A., Meijaard, E., Noordwijk, M., Gaskell, J., Sunderland-Groves, J., . . . Kanninen, M. (2009). The Impacts and Opportunities of Oil Palm in Southeast Asia. *Occasional paper*, 51.
- Siregar, R. R. (2013). *Audit Energi pada Proses Produksi CPO (Crude Palm Oil) di Pabrik Kelapa Sawit (PKS) Kertajaya PTP Nusantara VII (Persero) Lebak, Banten*. Bogor: Institut Pertanian Bogor.
- SMART. (2017). *10 Produk Minyak Kelapa Sawit*. Diakses pada 10 Juli 2022 melalui <https://www.smart-tbk.com/10-produk-luar-biasa-berkat-minyak-kelapa-sawit/>
- SNI. (1987). *SNI 01-0002-1987*.
- SNI. (2006). *SNI 01-2901-2006*.
- Sudaryanto. (2011). *Pengaruh Kinerja Lingkungan terhadap Kinerja Finansial Perusahaan dengan Corporate Social Responsibility (CSR) sebagai Variabel Intervening*. Semarang: Universitas Diponegoro.
- Suryani, E. (2006). *Pemodelan dan Simulasi*. Yogyakarta: Graha Ilmu.
- Sutabri, T. (2012). *Analisis Sistem Informasi*. Yogyakarta: Andi.
- Syah, N., & Danhan, Y. (2021). *Ekologi Industri*. Yogyakarta: Deepublish.
- Toke, L., Gupta, R., & Dandekar, M. (2010). Green Supply Chain Management; Critical Research and Practices. Dhaka: Proceedings of the 2010 International Conference on Industrial Engineering and Operations Management.
- Transport & Environment. (2021). *Easy Ride: Why the EU Truck CO2 Targets are Unfit for the 2020s*.
- Trucks Dekho. (2021). *Eicher Pro 2114XP CNG*. Diakses pada 17 Agustus 2022 melalui <https://trucks.cardekho.com/en/trucks/eicher/pro-2114xp-cng>
- United Nations Environment Programme. (2021). *Ecosystem Restoration Playbook: A Practical Guide to Healing the Planet*. Diakses pada 1 Juli 2022 melalui <https://www.decadeonrestoration.org/publications/ecosystem-restoration-playbook->

practical-guide-healing-planet

- US EPA. (2006). *Life Cycle Assessment (LCA)*. Diakses pada 13 Juli 2022 melalui <http://www.epa.gov/nrmrl/std/lca/lca.htm>
- Viana, L., Dessureault, P., Marty, C., P., L., Levasseur, A., Boucher, J., & Pare, M. (2022). Would Transitioning from Conventional to Organic Oat Grains Production Reduce Environmental Impacts? A LCA Case Study in North-East Canada. *Journal of Cleaner Production*, 349, 131344.
- Wahl, D. C. (2016). *Designing Regenerative Cultures*. Triarchy Press Ltd.
- Zhang, C., & Xu, Y. (2020). Economic Analysis of Large-Scale Farm Biogas Power Generation System Considering Environmental Benefits Based on LCA: A Case Study in China. *Journal of Cleaner Production*, 258, 120985.
- Zhang, R., Ma, X., Shen, X., Zhai, Y., Zhang, T., Ji, C., & Hong, J. (2020). PET Bottles Recycling in China: An LCA Coupled with LCC Case Study of Blanket Production Made of Waste PET Bottles. *Journal of Environmental Management*, 260, 110062.