



BIBLIOGRAPHY

- Rahman, M. H. A, Chen, S. S., Abdul Razak, P. R., Abu Bakar, N. A., Shahrun, M. S., Zin Zawawi, N., Muhamad Mujab, A. A., Abdullah, F., Jumat, F., Kamaruzaman, R., Saidon, S. A., & Abdul Talib, S. A., 2019, Life cycle assessment in conventional rice farming system: Estimation of greenhouse gas emissions using cradle-to-gate approach. *Journal of Cleaner Production*, 212, 1526–1535. <https://doi.org/10.1016/j.jclepro.2018.12.062>
- Agatha, R. M., 2016, LIFE CYCLE ASSESSMENT (LCA) UNTUK RANTAI PASOK AGROINDUSTRI BERAS PANDANWANGI (Studi Kasus di Kecamatan Cianjur, Jawa Barat), Institut Pertanian Bogor, Bogor <https://repository.ipb.ac.id/bitstream/handle/123456789/86762/F16rma.pdf?sequence=1&isAllowed=y%0Ahttps://repository.ipb.ac.id/handle/123456789/86762>
- Alexandratos, N., & Bruinsma, J., 2012, *World agriculture towards 2030/2050: the 2012 revision.*
- Bartzas, G., Zaharaki, D., & Komnitsas, K., 2015, Life cycle assessment of open field and greenhouse cultivation of lettuce and barley. *Information Processing in Agriculture*, 2(3–4), 191–207. <https://doi.org/10.1016/j.inpa.2015.10.001>
- Bhatia, A., 2017, *Heat Pumps for Heating and Cooling Credit: 6 PDH.* 877. <https://www.cedengineering.com/userfiles/Heat Pumps for Heating and Cooling R1.pdf>
- Brodt, S., Kendall, A., Mohammadi, Y., Arslan, A., Yuan, J., Lee, I. S., & Linquist, B., 2014, Life cycle greenhouse gas emissions in California rice production. *Field Crops Research*, 169, 89–98. <https://doi.org/10.1016/j.fcr.2014.09.007>
- Chen, P., Zhu, G., Kim, H. J., Brown, P. B., & Huang, J. Y., 2020, Comparative life cycle assessment of aquaponics and hydroponics in the Midwestern United States. *Journal of Cleaner Production*, 275, 122888. <https://doi.org/10.1016/j.jclepro.2020.122888>
- Corvalan, C., Hales, S., McMichael, A., Butler, C., Campbell-Lendrum, D.,



- Confalonieri, U., Leitner, K., Lewis, N., Patz, J., Polson, K., Scheraga, J., Woodward, A., & Younes, M., 2005, Ecosystems and human well-being: Health Synthesis- A Report of the Millennium. *World Health Organization*, 1–59.
- https://apps.who.int/iris/bitstream/handle/10665/43354/9241563095.pdf;jsessionid=E49F82E0AA76ACFEA84EBA92CF2A5331?sequence=1&fbclid=IwAR2rK1h2605jkt5WPBavA5EuRieBjiA3wVejNW2DIw_BjFFXZ43z-42Jqys
- Ekvall, A. T., Björklund, A., Sandin, G., Jelse, K., Lage, J., & Rydberg, M., 2020, *Modeling recycling in life cycle assessment* (Issue May). <https://www.diva-portal.org/smash/record.jsf?pid=diva2%3A1549446&dswid=-9963>
- Food and Agriculture Organisation., 2017, Water for Sustainable Food and Agriculture Water for Sustainable Food and Agriculture. In *A report produced for the G20 Presidency of Germany*. www.fao.org/publications
- Huijbregts, M., Steinmann, Z. J. N., Elshout, P. M. F. M., Stam, G., Verones, F., Vieira, M. D. M., Zijp, M., & van Zelm, R., 2016, ReCiPe 2016 - A harmonized life cycle impact assessment method at midpoint and endpoint level. Report I: Characterization. *National Institute for Public Health and the Environment*, 194. <https://www.rivm.nl/bibliotheek/rapporten/2016-0104.pdf>
- Klaus De Geyter., 2018, *A comparison of the environmental impact of vertical farming, greenhouses and food import*. University College Ghent.
- Kunwar, S., 2012, *Un-plasticized Polyvinyl Chloride (UPVC) Profiles Production in Nepal A Feasibility Study*.
- Martin, M., & Molin, E., 2019, Environmental assessment of an urban vertical hydroponic farming system in Sweden. *Sustainability (Switzerland)*, 11(15). <https://doi.org/10.3390/su11154124>
- Mujkic, S., & McCormick, D., 2020, *Life Cycle Assessment of Lettuce Production Systems A Case Study Performed at Hollbium Life Cycle Assessment of Lettuce Production Systems A Case Study Performed at Hollbium Supervisor Supervisor at Hollbium*.
- Nyman, M., & Simonson, C. J., 2005, Life cycle assessment of residential



ventilation units in a cold climate. *Building and Environment*, 40(1), 15–27.

<https://doi.org/10.1016/j.buildenv.2004.04.011>

Rangga, J. U., Syed Ismail, S. N., Rasdi, I., & Karuppiah, K., 2022, Waste Management Costs Reduction and the Recycling Profit Estimation from the Segregation Programme in Malaysia. *Pertanika Journal of Science and Technology*, 30(2), 1457–1478. <https://doi.org/10.47836/pjst.30.2.34>

Report, C. S., 2022, *Plastic Waste Management and Burden in Indonesia. February*.

Tewolde, F. T., Takagaki, M., Oshio, T., Maruo, T., Kozai, T., & Kikuchi, Y., 2016, Environmental impact of tomato production under different hydroponic systems. *Acta Horticulturae*, 1112(March), 467–471. <https://doi.org/10.17660/ActaHortic.2016.1112.63>

Van Hung, N., Migo, M. V., Quilloy, R., Chivenge, P., & Gummert, M., 2020, Life Cycle Assessment Applied in Rice Production and Residue Management. In *Sustainable Rice Straw Management* (pp. 161–174). Springer International Publishing. https://doi.org/10.1007/978-3-030-32373-8_10

Wang, M., Xia, X., Zhang, Q., & Liu, J., 2010, Life cycle assessment of a rice production system in Taihu region, China. *International Journal of Sustainable Development and World Ecology*, 17(2), 157–161. <https://doi.org/10.1080/13504501003594224>