

EMERGY BIBLIOGRAPHY

- Asgharipour, M.R., Shahgholi, H., Campbell, D.E., Khamari, I., Ghadiri, A., 2019. Comparison of the sustainability of bean production systems based on emergy and economic analyses. *Environ Monit Assess* 191, 2. <https://doi.org/10.1007/s10661-018-7123-3>
- Brown, M.T., 2004. A picture is worth a thousand words: energy systems language and simulation. *Ecological Modelling* 178, 83–100. <https://doi.org/10.1016/j.ecolmodel.2003.12.008>
- Brown, M.T., Herendeen, R.A., 1996. Embodied energy analysis and EMERGY analysis: a comparative view. *Ecological Economics* 19, 219–235. [https://doi.org/10.1016/S0921-8009\(96\)00046-8](https://doi.org/10.1016/S0921-8009(96)00046-8)
- Brown, M.T., Ulgiati, S., 2016. Emergy assessment of global renewable sources. *Ecological Modelling* 339, 148–156. <https://doi.org/10.1016/j.ecolmodel.2016.03.010>
- Brown, M.T., Ulgiati, S., 2004. Emergy Analysis and Environmental Accounting, in: *Encyclopedia of Energy*. Elsevier, pp. 329–354. <https://doi.org/10.1016/B0-12-176480-X/00242-4>
- Campbell, D., Lu, H., 2014. Emergy Evaluation of Formal Education in the United States: 1870 to 2011. *Systems* 2, 328–365. <https://doi.org/10.3390/systems2030328>
- Campbell, D.E., Lu, H., Walker, H.A., 2014. Relationships among the Energy, Emergy, and Money Flows of the United States from 1900 to 2011. *Front. Energy Res.* 2. <https://doi.org/10.3389/fenrg.2014.00041>
- Dillow, R.K., 2008. International Institute for Sustainable Development (IISD), in: *Encyclopedia of Global Warming and Climate Change*. SAGE Publications, Inc., 2455 Teller Road, Thousand Oaks California 91320 United States. <https://doi.org/10.4135/9781412963893.n343>
- Environmental accounting: EMERGY and environmental decision making, 1996. . *Choice Reviews Online* 34, 34-0412-34-0412. <https://doi.org/10.5860/CHOICE.34-0412>
- Herendeen, R.A., 2004. Energy analysis and EMERGY analysis—a comparison. *Ecological Modelling* 178, 227–237. <https://doi.org/10.1016/j.ecolmodel.2003.12.017>
- Marvuglia, A., Benetto, E., Rios, G., Rugani, B., 2013. SCALE: Software for CALculating Emergy based on life cycle inventories. *Ecological Modelling* 248, 80–91. <https://doi.org/10.1016/j.ecolmodel.2012.09.013>
- Meillaud, F., Gay, J.-B., Brown, M.T., 2005. Evaluation of a building using the emergy method. *Solar Energy* 79, 204–212. <https://doi.org/10.1016/j.solener.2004.11.003>
- Odum, H.T., 1996. Scales of ecological engineering. *Ecological Engineering* 6, 7–19. [https://doi.org/10.1016/0925-8574\(95\)00049-6](https://doi.org/10.1016/0925-8574(95)00049-6)
- Odum, H.T., Odum, B., 2003. Concepts and methods of ecological engineering. *Ecological Engineering* 20, 339–361. <https://doi.org/10.1016/j.ecoleng.2003.08.008>
- Tilley, D.R., 2014. Exploration of Odum's dynamic emergy accounting rules for suggested refinements. *Ecological Modelling* 279, 36–44. <https://doi.org/10.1016/j.ecolmodel.2014.01.031>
- Ulgiati, S., Brown, M.T., 2012. Resource quality, technological efficiency and factors of scale within the emergy framework. *Ecological Modelling* 227, 109–111. <https://doi.org/10.1016/j.ecolmodel.2011.12.004>
- Yi, H., Srinivasan, R.S., Braham, W.W., Tilley, D.R., 2017. An ecological understanding of net-zero energy building: Evaluation of sustainability based on emergy theory. *Journal of Cleaner Production* 143, 654–671. <https://doi.org/10.1016/j.jclepro.2016.12.059>
- Zhong, W., An, H., Fang, W., Gao, X., Dong, D., 2016. Features and evolution of international fossil fuel trade network based on value of emergy. *Applied Energy* 165, 868–877. <https://doi.org/10.1016/j.apenergy.2015.12.083>