

PERENNIAL BIOMASS PRODUCTION REFERENCES

- Adams, P. W. R., & Lindegaard, K. (2016). A critical appraisal of the effectiveness of UK perennial energy crops policy since 1990. *Renewable and Sustainable Energy Reviews*, 55, 188–202. <http://doi.org/10.1016/j.rser.2015.10.126>
- Adler, P. R., Grosso, S. J. D., & Parton, W. J. (2007). Life-cycle assessment of net greenhouse-gas flux for bioenergy cropping systems. *Ecological Applications*, 17(3), 675–691.
- Alexander, P., Moran, D., Smith, P., Hastings, A., Wang, S., Sünnenberg, G., ... Cisowska, I. (2014). Estimating UK perennial energy crop supply using farm-scale models with spatially disaggregated data. *GCB Bioenergy*, 6(2), 142–155. <http://doi.org/10.1111/gcbb.12121>
- Bangor University. (2010). Growing Miscanthus - Does it pay? Retrieved from <http://www.calu.bangor.ac.uk/Technical%20leaflets/Miscanthus%20-%20does%20it%20payv3.pdf>
- Camargo, G. G. T., Ryan, M. R., & Richard, T. L. (2013). Energy Use and Greenhouse Gas Emissions from Crop Production Using the Farm Energy Analysis Tool. *BioScience*, 63(4), 263–273. <http://doi.org/10.1525/bio.2013.63.4.6>
- Coote, C. (n.d.). Costs and Returns of SRC Production. Retrieved from <http://citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.549.7656&rep=rep1&type=pdf>
- Danish Ministry. (2010). Perennial energy crops. The Danish Ministry of Food, Agriculture and Fisheries. Retrieved from http://en.mfvm.dk/fileadmin/user_upload/ENGLISH_FVM.DK/Themes/Bioenergy/Perennial_energy_crops.pdf
- DeCicco, J. M., Liu, D. Y., Heo, J., Krishnan, R., Kurthen, A., & Wang, L. (2016). Carbon balance effects of U.S. biofuel production and use. *Climatic Change*, 138(3–4), 667–680. <https://doi.org/10.1007/s10584-016-1764-4>
- Dhungel, S., & Anex, R. (2011). Life Cycle Comparison of Annual and Perennial Biofuel Cropping System. In *Proceedings from the LCA XI International Conference*. Chicago, IL, United States. Retrieved from <http://lcacenter.org/lcaxi/final/379.pdf>
- El Bassam, N. (2010). *Handbook of bioenergy crops: a complete reference to species, development and applications*. London ; Washington: Earthscan.

Energy Use and Greenhouse Gas Emissions from Crop Production Using the Farm Energy Analysis Tool. (2013). *BioScience*, 63(4), 263–273. <http://doi.org/10.1525/bio.2013.63.4.6>

Georgescu, M., Lobell, D. B., & Field, C. B. (2011). Direct climate effects of perennial bioenergy crops in the United States. *Proceedings of the National Academy of Sciences*, 108(11), 4307–4312.

Hamelin, L., Jørgensen, U., Petersen, B. M., Olesen, J. E., & Wenzel, H. (2012). Modelling the carbon and nitrogen balances of direct land use changes from energy crops in Denmark: a consequential life cycle inventory. *GCB Bioenergy*, 4(6), 889–907. <http://doi.org/10.1111/j.1757-1707.2012.01174.x>

Hohenstein, W. G., & Wright, L. L. (1994). Biomass energy production in the United States: an overview. *Biomass and Bioenergy*, 6(3), 161–173.

Immerzeel, D. J., Verweij, P. A., van der Hilst, F., & Faaij, A. P. C. (2014). Biodiversity impacts of bioenergy crop production: a state-of-the-art review. *GCB Bioenergy*, 6(3), 183–209. <http://doi.org/10.1111/gcbb.12067>

IPCC. (2014). *Climate Change 2014: Mitigation of Climate Change: Contribution of Working group II to the Fifth Assessment Report of the Intergovernmental Panel on Climate Change*. Cambridge, UK: Cambridge University Press.

Kartha, Sivan, & Dooley, Kate. (2016). The risks of relying on tomorrow's negative emissions' to guide today's mitigation action (Working Paper. 2016-08). Stockholm Environment Institute. Retrieved from <https://www.sei-international.org/mediamanager/documents/Publications/Climate/SEI-WP-2016-08-Negative-emissions.pdf>

Lemus, R., & Lal, R. (2005). Bioenergy Crops and Carbon Sequestration. *Critical Reviews in Plant Sciences*, 24(1), 1–21. <http://doi.org/10.1080/07352680590910393>

Lovett, A., Sünnerberg, G., & Dockerty, T. (2014). The availability of land for perennial energy crops in Great Britain. *GCB Bioenergy*, 6(2), 99–107. <http://doi.org/10.1111/gcbb.12147>

Lychnaras, V., Rozakis, S., Soldatos, P., Tsiboukas, K., & Panoutsou, C. (2007). Economic analysis of perennial energy crops production in Greece under the current CAP. In *Proceedings of the 15th European Biomass Conference and Exhibition* (pp. 7–11).

Meehan, T. D., Gratton, C., Diehl, E., Hunt, N. D., Mooney, D. F., Ventura, S. J., ... Jackson, R. D. (2013). Ecosystem-Service Tradeoffs Associated with Switching from Annual to Perennial Energy Crops in Riparian Zones of the US Midwest. *PLoS ONE*, 8(11), e80093. <http://doi.org/10.1371/journal.pone.0080093>

Meyboom, R. H. (1976). [Anaphylaxis after the use of glafenine]. *Nederlands Tijdschrift Voor Geneeskunde*, 120(21), 926–927.

Monti, A., Fazio, S., & Venturi, G. (2009). Cradle-to-farm gate life cycle assessment in perennial energy crops. *European Journal of Agronomy*, 31(2), 77–84.
<http://doi.org/10.1016/j.eja.2009.04.001>

REN21. (2015). *Renewables 2015 Global Status Report*. Retrieved from
http://www.ren21.net/wp-content/uploads/2015/07/REN12-GSR2015_Onlinebook_low1.pdf

SAC. (2008). *Willow short rotation coppice: Is it commercially viable?* Scotland's Rural College. Retrieved from
http://www.sruc.ac.uk/download/downloads/id/103/willow_short_rotation_coppice_2008

Searchinger, T., Heimlich, R., Houghton, R. A., Dong, F., Elobeid, A., Fabiosa, J., ... Yu, T.-H. (2008). Use of U.S. Croplands for Biofuels Increases Greenhouse Gases Through Emissions from Land-Use Change. *Science*, 319(5867), 1238–1240.
<https://doi.org/10.1126/science.1151861>

Toensmeier, E. (2016). *The carbon farming solution: a global toolkit of perennial crops and regenerative agriculture practices for climate change mitigation and food security*. White River Junction, Vermont: Chelsea Green Publishing.

Turconi, R., Boldrin, A., & Astrup, T. (2013). Life cycle assessment (LCA) of electricity generation technologies: Overview, comparability and limitations. *Renewable and Sustainable Energy Reviews*, 28, 555–565. <https://doi.org/10.1016/j.rser.2013.08.013>

USDA. (2014). *Volume 1 - Geographic Area Series - part 51 (2012 United States Census of Agriculture)*. Retrieved from
https://www.agcensus.usda.gov/Publications/2012/Full_Report/Volume_1,_Chapter_1_US/usv1.pdf

U.S. Department of Energy. (2016). *2016 Billion-Ton Report: Advancing Domestic Resources for a Thriving Bioeconomy, Volume 1: Economic Availability of Feedstocks*. (No. ORNL/TM-2016/160) (p. 448). Oak Ridge, TN: Oak Ridge National Laboratory. Retrieved from
http://energy.gov/sites/prod/files/2016/08/f33/BillionTon_Report_2016_8.18.2016.pdf

Valentine, J., Clifton-Brown, J., Hastings, A., Robson, P., Allison, G., & Smith, P. (2012). Food vs. fuel: the use of land for lignocellulosic “next generation” energy crops that minimize competition with primary food production. *GCB Bioenergy*, 4(1), 1–19.
<http://doi.org/10.1111/j.1757-1707.2011.01111.x>

Wicke, B., Smeets, E. M. W., Akanda, R., Stille, L., Singh, R. K., Awan, A. R., ... Faaij, A. P. C. (2013). Biomass production in agroforestry and forestry systems on salt-affected soils in South Asia: Exploration of the GHG balance and economic performance of three case studies. *Journal of Environmental Management*, 127, 324–334. <http://doi.org/10.1016/j.jenvman.2013.05.060>

Wirsenius, S., Azar, C., & Berndes, G. (2010). How much land is needed for global food production under scenarios of dietary changes and livestock productivity increases in 2030? *Agricultural Systems*, 103(9), 621–638. <https://doi.org/10.1016/j.agsy.2010.07.005>

Yang Y., Tilman D., Lehman C., Trost J.J (2018) Sustainable intensification of high diversity biomass production for optimal biofuel benefits. Vol 1., 686-692. *Nature Sustainability*.

Zucaro, A., Forte, A., Fagnano, M., Bastianoni, S., Basosi, R., & Fierro, A. (2015). Comparative attributional life cycle assessment of annual and perennial lignocellulosic feedstocks production under Mediterranean climate for biorefinery framework: Comparative LCA of Lignocellulosic Feedstocks Production. *Integrated Environmental Assessment and Management*, 11(3), 397–403. <https://doi.org/10.1002/ieam.1604>