# Stora arealer brasiliansk regnskog kan förlora sitt skydd – ett urval av tidigare vetenskapliga resultat

Barretto, A., Berndes, G., Sparovek, G., Wirsenius, S. (2013). Agricultural intensification in Brazil and its effects on land use patterns: An analysis of the 1975-2006 period. Global Change Biology, <https://doi.org/10.1111/gcb.12174>

Berndes, G., Chum, H., Leal, M.R.L.V., Sparovek, G., Walter, A. (2016). Bioenergy feedstock production on grasslands and pastures: Brazilian experiences and global outlook. Report No. IEA Bioenergy: Task 43: 2016:06. <http://task43.ieabioenergy.com/wp-content/uploads/2017/06/IEA-Bioenergy-Task-43-TR2016-06.pdf>

Egeskog, A., Berndes, G., Freitas, F., Gustafsson, S., Sparovek, G. (2011). Integrating bioenergy and food production—A case study of combined ethanol and dairy production in Pontal, Brazil. Energy for Sustainable Development, 15: 8-16. <https://doi.org/10.1016/j.esd.2011.01.005>

Egeskog, A., Freitas, F., Berndes, G., Wirsenius, S., Sparovek, G. (2014). Greenhouse gas balances and land use changes associated with the planned expansion (to 2020) of the sugarcane ethanol industry in Sao Paulo, Brazil. Biomass and Bioenergy, <https://doi.org/10.1016/j.biombioe.2014.01.030>

Egeskog, A., Barretto, A., Berndes, G., Freitas, F., Holmén, M., Sparovek, G. (2016) Actions and opinions of Brazilian farmers who shift to sugarcane – an interview based assessment with discussion of implications for land use change. Land Use Policy 57: 594-604. <https://doi.org/10.1016/j.landusepol.2016.06.022>

Englund O, Berndes G, Persson M, Sparovek G. 2015. Oil palm for biodiesel in Brazil – risks and opportunities. *Environmental Research Letters*, 10 2015 044002. [doi: 10.1088/1748-9326/10/4/044002](http://iopscience.iop.org/article/10.1088/1748-9326/10/4/044002)

Englund, O., Sparovek, G., Berndes, G., Freitas, F., Ometto, JP., Valle, P., Costa C., and Lapola, D., (2017). A new high-resolution nation-wide aboveground carbon map for Brazil. Geo: Geography and Environment, <https://doi.org/10.1002/geo2.45>

Freitas, F. L. M., Sparovek, G., Matsumoto, M.H. (2016). A adicionalidade do mecanismo de compensação de Reserva Legal da Lei 12.651/2012: Uma análise da oferta e demanda de Cotas de Reserva Ambiental. As Mudanças no Código Florestal Brasileiro: desafios para a implementação da nova lei. IPEA. Brasília, IPEA. <http://www.ipea.gov.br/agencia/images/stories/PDFs/livros/livros/160812_livro_mudancas_codigo_florestal_brasileiro_cap5.pdf>

Freitas, F., Sparovek, G., Mörtberg, U., Silveira, S., Klug, I., Berndes, G., (2017). Offsetting legal deficits of native vegetation among Brazilian landholders: effects on nature protection and socioeconomic development. Land Use Policy, 68: 189-199. <https://doi.org/10.1016/j.landusepol.2017.07.014>

Freitas, F., Englund, O., Sparovek, G., Berndes, G., Guidotti, V., Pinto, L., Mörtberg, U. (2017). Who owns the Brazilian carbon? Global Change Biology, <https://doi.org/10.1111/gcb.14011>

Hansson, J., Berndes, G., Englund, O., Freitas, F., Sparovek, G. (2018). Bioenergy and grasslands - Different approaches to addressing biodiversity and their influence on biomass supply potentials. Global Change Biology Bioenergy, <https://doi.org/10.1111/gcbb.12568>

Huertas Bernal, D., Berndes, G., Holmén, M., Sparovek, G. (2010). Sustainability certification of bioethanol: how is it perceived by Brazilian stakeholders? Biofuels, Bioproducts and Biorefining, 4: 369-384. <https://doi.org/10.1002/bbb.226>

Sparovek, G., Berndes, G., Egeskog, A., Luiz Mazzaro de Freitas, F., Gustafsson, S., Hansson, J. (2007). Sugarcane ethanol production in Brazil: An expansion model sensitive to socioeconomic and environmental concerns. Biofuels, Bioproducts and Biorefining, 1: 270-282. <https://doi.org/10.1002/bbb.31>

Sparovek, G., Barretto A., Berndes, G., Martins, S.P., Maule, R.F. (2009). Environmental, land-use and economic implications of Brazilian sugarcane expansion 1996-2006. Mitigation and Adaptation Strategies for Global Change 14:285-298. <https://doi.org/10.1007/s11027-008-9164-3>

Sparovek, G., Berndes, G., Klug, I., Barretto A. (2010). Brazilian agriculture and environmental legislation: status and future challenges. Environmental Science and Technology 44: 6046-6053. <https://pubs.acs.org/doi/full/10.1021/es1007824>

Sparovek, G., Berndes, G., Barretto A., Klug, I. (2012). The revision of the Brazilian forest act: increased deforestation or a historic step towards balancing agricultural development and nature conservation? Environmental Science and Policy 16: 65-72. <https://doi.org/10.1016/j.envsci.2011.10.008>

Sparovek G., Barretto A., Berndes G. 2015. Effects of governance on availability of land for agriculture and conservation in Brazil. Environmental Science and Technology, [doi: 10.1021/acs.est.5b01300](https://pubs.acs.org/doi/10.1021/acs.est.5b01300)

Sparovek, G., Antoniazzi, L. B., Barretto, A., Barros, A. C., Benevides, M., Berndes, G., do Prado Braga, E., Calmon, M., Groke, P. H., de Avelar Marques, F. N., Nogueira, M. P., Guedes Pinto, L. F. and Precioso, V. (2016), Sustainable bioproducts in Brazil: disputes and agreements on a common ground agenda for agriculture and nature protection. Biofuels, Bioproducts and Biorefining, <https://doi.org/10.1002/bbb.1636>

Sparovek, G, Guidotti, V, Pinto, LFG, Berndes, G, Barretto, A and Cerignoni, F (2018). Asymmetries of cattle and crop productivity and efficiency during Brazil ́s agricultural expansion from 1975 to 2006. Elem Sci Anth, 6: 25. DOI: <https://doi.org/10.1525/elementa.187>