List of publications, as of October 2026, by Dr Réussite Malembaka

All my published papers are highlighted on my website: https://reussitemalembaka.github.io/

2026

- **Malembaka, R.B**., Pfister, S., Thom, B., Kintche, K. and Jacobi, J., 2026. Environmental Sustainability of Soybean Production in the Democratic Republic of Congo: Cases of Production Systems in the South-Kivu and Kasaï-Lomami Provinces. *Journal of Sustainable Agriculture and Environment*, *5*(4), p.e70216. https://doi.org/10.1002/sae2.70216
- Thom, B., Fabritius, L., Sigrist, M., Banyanga, D., Pfister, S., **Malembaka, R.B.**, Schneider, G., Kintche, K. and Jacobi, J., 2026. Towards greater sensitivity: advancing social life cycle assessment for the coffee sector in Brazil and the Democratic Republic of the Congo. *The International Journal of Life Cycle Assessment*, *31*(11), p.190. https://doi.org/10.1007/s11367-026-02760-8
- **Malembaka, Réussite Bugale.** Ecological Sustainability of Tropical Soybean and Poultry Production Systems: Local to Global Value Chains Assessment. Doctoral thesis, ETH Zurich. 166 pages. https://doi.org/10.3929/ethz-c-000797085
- **Malembaka, Réussite Bugale**, Stephan Pfister, Bianca Torres, Johanna Jacobi. 2026. Environmental sustainability of soybean - chicken productions: local and global value chains analysis from Paraná and São Paulo states, Brazil. *Environ. Res.: Food Syst.* https://doi.org/10.1088/2976-601X/ae41c4
- Cintrão, R. P., Trivilin, M. I., Sigrist, M., Thom, B., **Malembaka, R.B,** & Jacobi, J. 2026. Power relations and challenges for organic soy and sustainability transitions in Paraná, Brazil. The Journal of Peasant Studies, 1-26. https://doi.org/10.1080/03066150.2025.2595445
- Batsi, G., Noulèkoun, F., Ligowe, I.S., Mangaza, L., **Malembaka, R**., Kasulo, V. and Jacobi, J., 2026. Tree diversity dynamics in agricultural landscapes as shaped by agroecological zones in Malawi. *Journal of Arid Environments*, *237*, p.105685. https://doi.org/10.1016/j.jaridenv.2026.105685
- Thom, B., Pfister, S., **Malembaka, R.B.**, Kintche, K. and Jacobi, J., 2026. Beyond the average: understanding the heterogeneity of environmental impacts of green coffee in Brazil and the Democratic Republic of the Congo. *Journal of Cleaner Production*, *546*, p.147805. https://doi.org/10.1016/j.jclepro.2026.147805

2025

- **Malembaka, R.B.** , Pfister, S., Thom, B., Kintche, K., Jacobi, J., 2026: Environmental sustainability of soybean production systems in DR Congo, cases of production systems in Kasai and South Kivu provinces, Submitted to Wiley: Journal of sustainable agriculture and environment (in 2nd revision process, Submission no.: 88821555).
- **Malembaka, R. B. ,** Stephan Pfister , Braida Thom , Rosângela Pezza Cintrão , Maria Isabel Trivilin and Johanna Jacobi. 2025: Are alternatively organized systems more environmentally sustainable? Evidence from soybean production in Minas Gerais and Paraná states, Brazil. Original research submitted Front. Sustain. Food Syst. 9, p.1681792. https://doi.org/10.3389/fsufs.2025.1681792

2024

- Cintrão, R.P., Trivilin, M.I., Jacobi, J., **Malembaka, R.B.** and Sigrist, M., 2024: O poder do soja no Paraná e o uso de agrotóxicos: um desafio à agroecologia. Cadernos de Agroecologia, **19** (1).

2023

- Tropentag conference 2023: **Réussite Malembaka** , Braida Thom, Rosangela Cintrão, Marie Sigrist, Stefan Pfister, Johanna Jacobi. 2023: Life cycle inventory of soybean production systems in Minas Gerais and Paraná states, in Brazil

2021

- **Malembaka, R.B.**, Onwonga, R., Jefwa, J., Ayuke, F. and Nabahungu, L., 2021: Diversity and distribution of arbuscular mycorrhizal fungi in maize (Zea mays) cropping fields in South Kivu, Democratic Republic of Congo. Afr. J. Agric. Res, **17**, pp.604-617.
- **Malembaka, R.B.**, Onwonga, R., Jefwa, J., Ayuke, F. and Nabahungu, L., 2021: Role of native arbuscular mycorrhizal fungi on maize (Zea mays) growth and nutrient uptake in acidic soils under controlled conditions. Int. J. Agron. Agric. Res, **18**, (3),\ pp.20-32.

2016

- Bachelor thesis abstract 2016: **Reussite Malembaka** : Identification of local rhizobia strains effectives on soybean (Glycine max) under greenhouse conditions. BSc dissertation. Catholic University of Bukavu. 52p (Link to the abstract)

2014

- **Malembaka R. B.** 2014. Effet de la fertilisation organique, minérale et phosphorée sur le rendement du niébé (*Vigna unguiculata* L.) dans les conditions édapho-climatiques de Karhale. Travail de Fin de Cycle. Inédit. UCB. **41**p