

Environmental and eco-efficiency in farming: A systematic review (M.Sc. research project/ M.Sc. thesis)

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The generation of undesirable byproducts is embedded in many production processes. Agricultural production is no exception. Along with desirable outputs, the agricultural sector produces undesirable ones (GHG emissions, pollution from applied chemical fertilizers and pesticides etc), which should be accounted for. There are multiple approaches that are used to model bad outputs in the agricultural production sphere. This project will systematically review relevant empirical literature that studies how agricultural producers perform from an environmental perspective.

The research project will consist of two core parts: (i) covering in a systematic way the existing empirical literature focusing on the environmental performance of agricultural producers, (ii) creating a dataset with efficiency estimates and studies' characteristics. For more information, please contact [olha.halytsia\[at\]tum.de](mailto:olha.halytsia@tum.de).