Austrian Agriculture 2010-2050
Quantitative Effects of Climate Change Mitigation Measures – An Analysis of the Scenarios WEM, WAM and a Sensitivity Analysis of the Scenario WEM

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Abstract
A significant share of gaseous emissions responsible for climate change is due to agricultural activities. Forecasts on land use, fertiliser use and livestock production for the Austrian agricultural sector are provided for two scenarios. The time period under consideration is 2020 to 2050. The scenarios analyse different strategies to reduce emissions due to agricultural activities. In the scenario WEM (with existing measures) the effects of policies and mitigation measures already in place are analysed. Additional efforts to reduce emissions from agriculture are analysed in the scenario WAM (with additional measures). A sensitivity analysis of the WEM scenario shows the scope of results due to a plausible set of different exogenous assumptions.
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