

Trade-off between GHG emissions and economic performance of the Brazilian Agriculture: an environmental input-output analysis

Topic: The Importance of Resources

Author: Luiz Carlos Santana Ribeiro

Co-Authors: EDER Area Leão PEREIRA, Lucio Flavio da Silva Freitas

The aim of this paper is to analyze the relationship between the Brazilian Agriculture sector GHG emissions and its potential for fostering employment, income and sectoral linkages. In this regard, data from World Input-Output Database (WIOD) were used to construct an environmental input-output model for Brazil. The main results indicate that this sector is responsible for the highest emission rates in the Brazilian economy. Nevertheless, such environmental cost is not converted into economic benefits, given that this sector has generated a below-average number of jobs, income and linkages.