

## 706 - RURAL ESTABLISHMENTS ENVIRONMENTAL MANAGEMENT AND INSERTION IN PRODUCTION CHAINS OF OLEAGINOUS CROPS FOR BIOFUELS

Izilda Aparecida Rodrigues - Embrapa Environment / FAPESP - Brazil, isis@cnpma.embrapa.br

Claudio Cesar de A. Buschinelli - Embrapa Environment - Brazil, buschi@cnpma.embrapa.br

Marcos Antônio Ligo - Embrapa Environment - Brazil, ligo@cnpma.embrapa.br

Adriana Moreno Pires - Embrapa Environment - Brazil, adriana@cnpma.embrapa.br

Geraldo Stachetti Rodrigues - Embrapa Labex Europe - France - stachetti-rodrigues@agropolis.fr

Building upon a set of socio-environmental impact assessments carried out in five rural territories across the country, regarding the context of increasing demand for oleaginous crops for biofuels production, this study presents the sustainability assessment of rural establishments in those territories, aiming at checking the impact results against current local agricultural settings. The main results point out that, in general, the ecological dimensions of sustainability, such as Landscape Ecology and Atmosphere, Water, and Soil quality indicators, show adequate field conditions, seemingly not yet negatively affected by inputs and natural resources pressure increases, predicted as important potential impacts. On the other hand, most valuable positive consequences expected from the socio-environmental impact assessments, such as improved Socio-cultural Values and Management & Administration indicators, are still opportunities to be realized, if sustainable local rural development is to occur under the emerging agro-energy scenario.

*Keywords: Sustainability Assessment, Rural Development, Indicators, APOIA-Novorural*

*Text Language: English*