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**TITLE: CONSUMPTION PATTERNS AND GHG EMISSIONS: A COMPUTABLE GENERAL EQUILIBRIUM ANALYSIS FOR SPAIN.**

**AUTHORS: Mainar Causapé, Alfredo J. ; DUARTE PAC, ROSA**

**EMAIL: alfredo@unizar.es**

**COUNTRY: SPAIN**

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**ABSTRACT:**

The aim of achieving an effective reduction of Greenhouse Effect Gases emissions requires to evaluate and explain the relation between production of goods and services and the households' consumption patterns associated with their demands, in order to obtain information about the way to plan general policies that allows the attainment of this general objective. In this context, this paper deepens into the analysis of this relationship in the framework of Computable General Equilibrium Models (CGE), taking as reference the Spanish economy and using a Social Accounting Matrix including a useful disaggregation of the Households institutional sector. Particularly, this work identifies the effects on final output and, in consequence, on GHG emissions, of different scenarios such as income redistribution, changes in consumption patterns or implementation of environmental taxes on consumption. The results obtained can be used as a tool to design feasible actions to reduce GHG emissions.