

Economic Impact and Sectoral Pollution Effects in the Greek Economy

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Abstract

The main aim of this paper is to identify the environmental impact in the production sectors of the Greek economy. We use the direct emissions per production sectors to calculate the indirect emissions multipliers of pollutants per unit of production in each economic sector.

In this table we apply statistical data analysis methods (Correspondence Analysis and Hierarchical Cluster Analysis) which help us to understand with simplicity and clearness the structure of the pollution effects and interdependencies in the Greek economy. We perceive also the sectors which have the highest environmental impact in the production structure.

Keywords: Input – Output, Interindustry Linkages, Data Analysis, Hierarchical Cluster Analysis, Correspondence Analysis, Environmental Impact.