

ABSTRACT

Household Energy Choice and Consumption Intensity-Empirical evidence of India transforming to heat island

This paper analysis the manifold aspects of anthropogenic activities with focus on household characteristics influencing the residential carbon dioxide emissions. Data on expenditure incurred for purchase used for both indoor and outdoor use as well as the socio economic indicators have been taken into account to estimate their contribution to the level of emissions. We have tried to look at the state wise comparisons to arrive at the Indian average expenditure through a graphical analysis. The various indicators of household expenditure have been categorised separately under technological innovations, affluence, household demographics, biophysical characteristics and control variables. The three theories of Ecological Modernisation, Political Economy and Human Ecology have been highlighted to discuss the significance of various variables if or not they support the theories. Econometric methodology has been adopted with the use of software packages such as STATA to arrive at more precise results.