

ABSTRACT

The paper attempts to understand the significance of the Green Solow Model, in the context of a developing country like India. It gives particular importance to the role of population density, in understanding the drawbacks of the model. It further extends the argument to analyse the impacts of the emission regulations on a developing country, by proving mathematically the relationship between price level on the one hand, and abatement costs and emissions on the other. Lastly, the interactions between countries, given different price scenarios is studied.

Keywords: Green Solow Model, India, abatement costs, technology, population density, price level, emission regulations, climate change.

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