

## Is India attaining a sustainable energy-led growth?

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### Abstract

Interaction between environmental degradation and economic growth is a growing matter of interest among policymakers. In this study, we have considered CO<sub>2</sub> emission as the air pollution indicator. Based on Solow growth model with Hicks-neutral productivity adjustment, we have calculated the elasticity of CO<sub>2</sub> emission to energy consumption. This study has been done for 1971-2010. The results show that India is moving along the path of reducing the air pollution. The environmental policies and regulations attributing to this success have also been reviewed in order to substantiate the empirical findings.