

Can Implementing Industrialization Thresholds Enhance Environmental Sustainability in Developing Countries?

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Abstract: This article investigates the underexplored issue of industrialization thresholds in environmental sustainability policies for developing countries. Analyzing 108 countries, it identifies critical points at which environmental damage becomes irreversible. Employing advanced methods such as the Super-Slacks Based Model and GMM threshold effect, the study highlights the non-linear relationship between industrialization and sustainability. Results suggest integrating thresholds into development strategies and formulating green industrialization policies tailored to specific contexts, with careful cost-benefit assessments.

Keywords: Threshold Effect, Environmental Sustainability, Industrialization, Developing Countries.

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