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Green Inefficiency for Regions in China

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ABSTRACT

We used the directional output distance function to derive estimates of green inefficiency, shadow prices, and waste costs of three wastes (waste water, waste gas, and solid waste) for thirty regions in China during the 1996-2003 periods. There is an upward trend in green inefficiency in Chinese regions from 1996 to 2003. The green inefficiency score in west area is the lowest but in central and east areas are higher. The costs of wastes have an upward trend in east and central areas but downward trend in west area in the last two observation years.

KEYWORDS

Cite this paper

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