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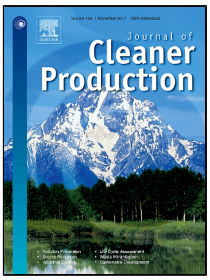

Analysis of wind turbine micrositing efficiency: An application of two-subprocess data envelopment analysis method

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H1: Propose two-subprocess DEA model to analyze wind turbines micrositing efficiency.

H2: The two-subprocess DEA divides the complicated system of wind turbines micrositing into two subprocesses, namely wind turbines arrangement and wind production optimization.

H3: Tobit regression model is applied to model the dependent variable obtained by DEA model to analyze assess the relationship between efficiency and environmental factors.

H4: The two-subprocess DEA model can help find out in which subprocess the low efficiency exits and help justify in which subprocess the environmental factors play significant role.

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