

عنوان مقاله:

Observing The Relationship Between Pollution Emission And Economic Growth In OPEC Member Countries

محل انتشار:

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خلاصه مقاله:

This paper observes the relationship between pollution emission CO₂ and economic growth using data from the OPEC member countries over the 2000-2011. Based on the theoretical impact of economic growth on pollution, we have modeled independent variables to include pollution emission CO₂, energy consumption, population, investment and export. A random effect version of the panel data estimation procedure was used to obtain the parameter estimates. Research results show that: All of the variables are effective and just energy consumption variable showed negative impact and others have positive impact on economic growth. The negative impact of energy consumption on economic growth in this case study indicates that using of energy in OPEC members is inefficient. Investment and export have the greatest impact on economic growth in this case study and the positive impact of pollution emission CO₂ on economic growth indicates that in OPEC countries is Two -way causality between pollution and economic growth.

کلمات کلیدی:

Pollution emission, economic growth, OPEC

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