

The Effect of Renewable Energy Production on Employment in Turkey

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Abstract:

Increasing renewable energy production and consumption around the world has created new job areas. Hence, green employment concept has been frequently discussed in the recent years. Many researchers analyze this effect for developed countries. However, there are few studies focusing developing countries such as Turkey in the literature. The aim of this paper is to investigate the short and long-run effects of renewable energy production on employment in Turkey over the period 1984-2018. For this aim, ARDL Bound Test is used. Dependent variable is logarithm of employment and independent variables are logarithm of renewable energy production, logarithm of GDP per capita, and trade openness ratio. Previous studies are considered in determining these variables. The results show that short-run effect of renewable energy production on employment is negative, while it is positive in log-run. However, these effects are very slight. There is no statistically a significant effect of GDP per capita and trade openness on employment in short and long-term.

Keywords: Employment, Renewable Energy, ARDL Bound Test

JEL Codes: C22, E24, Q20