***The Impact of Economic Growth and Foreign Direct Investment on CO2 Emissions: The Case of Turkey*[[1]](#footnote-1)**

Oktay KIZILKAYA(1)

Ahi Evran University, Faculty of Economics and Administrative Sciences, Department of Economics, E-mail: okizilkaya@ahievran.edu.tr

**Abstract**

The aim of this study is to evaluate the relationship between carbon dioxide emissions, economic growth, foreign direct investment and energy consumption in Turkey. To this extent, ARDL bounds testing method to cointegration is being implemented over the period of 1970-2014. The long run estimation results suggest that economic growth and energy consumption have positive impacts on CO2 emissions. However, this research did not find any significant relationship between foreign direct investment and CO2 emissions. As a result of these findings, this research reveals some important policy recommendations.

**Keywords*:*** *Carbon Dioxide Emissions, Foreign Direct Investment, Economic Growth, Energy Consumption, ARDL*

 **Jel Class**:F2, O1, Q4, Q5.

1. The study was presented at Anatolian International Economics Conference in Eskisehir on 10-12 June 2015 and then revised. [↑](#footnote-ref-1)