

The Relationship Between Tourism and CO2 Emissions: A Case of Mediterranean Countries

Sezgi Gedik Arslan

İstanbul Üniversitesi-Cerrahpaşa, Turkey
sgedik@istanbul.edu.tr

Suna Muğan Ertuğrul

İstanbul Üniversitesi, Turkey
sertugral@yahoo.com

Ayfer Özyılmaz

Kocaeli Üniversitesi, Turkey
ozyilmazayfer@gmail.com

Metin Toprak

İstanbul Sabahattin Zaim Üniversitesi, Turkey
metin.toprak@izu.edu.tr

Yüksel Bayraktar

İstanbul Üniversitesi, Turkey
ybayraktar@istanbul.edu.tr

Abstract

One of the debates on the tourism sector, which affects the national economies in many ways such as growth, employment, current account deficit, is the impact of tourism on the environment. On hand, increasing tourist numbers increase environmental pollution, and on the one hand, it positively affects the air quality with its role as a smokeless industry. In this framework, the relationship between tourism and CO2 emissions, one of the variables used in the measurement of environmental pollution is tested with Fixed Effects, Random Effects and Pooled Least Squares methods for the period 1995-2016 in 13 Mediterranean Countries. The data obtained as a result of the study were interpreted.

Keywords: Tourism, Mediterranean Countries, CO2 Emissions, Environmental Pollution, Pooled Least Squares

JEL Codes: Z32, F64, N50