

ABSTRACT

Climate change is an important issue, especially in the current era of globalization. This study discusses climate change using carbon emission levels more broadly through various dimensions. The dimensions discussed in this study are economic growth, good governance, population, and carbon pricing policy. In analyzing the impact of these dimensions, this study uses panel data, which is 19 APEC countries in 2010 – 2018, with an LSDV econometric model approach.

This study succeeded in proving the presence of the Environment Kuznet Curve (EKC) theory on the relationship between economic growth and the level of carbon emissions. In addition, this study found different findings, which good governance has a positive influence on the level of carbon emissions. In addition, different findings were also found in the effect of population which it has a negative effect on the level of carbon emissions. This study also finds that the implementation of carbon pricing still cannot explain its effect on carbon levels.

Keywords: Carbon Pricing, Demographic Change, Environment Kuznet Curve, Good Governance, Least Square Dummy Variable, Population, World Government Index