

**PENGARUH STRUKTUR DEMOGRAFI TERHADAP EMISI KARBON  
DIOKSIDA (CO<sub>2</sub>): STUDI KASUS *TOP EMITTERS***

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**ABSTRAK**

Penelitian ini bertujuan untuk menganalisis pengaruh struktur demografi terhadap emisi karbon dioksida (CO<sub>2</sub>) di *Top Emitters*. Penelitian ini menggunakan data panel sepuluh negara yang dinyatakan dalam *Top Emitters* selama periode 2000-2014. Studi ini menggunakan metode Regresi Data Panel dan empat variabel struktur demografi yaitu *dependency ratio*, *sex ratio*, *higher education ratio*, *industrial employment ratio*. Hasil penelitian ini menunjukkan bahwa *dependency ratio*, *sex ratio*, *higher education ratio*, *industrial employment ratio* berpengaruh signifikan terhadap emisi karbon dioksida (CO<sub>2</sub>) di *Top Emitters*.

Kata Kunci: Struktur Demografi, *Top Emitters*, Metode Regresi Data Panel

**EFFECTS OF DEMOGRAPHIC STRUCTURE ON CARBON DIOXIDE  
(CO<sub>2</sub>) EMISSIONS: STUDY CASE IN TOP EMITTERS**

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**ABSTRACT**

*This study aims to analyze the effects of demographic structure on carbon dioxide (CO<sub>2</sub>) emissions in Top Emitters. This study uses panel data of ten countries in Top Emitters during the period 2000-2014. The study uses the Panel Data Regression method and four demographic structure variables namely dependency ratio, sex ratio, higher education ratio, industrial employment ratios. The results of this study indicate that dependency ratio, sex ratio, higher education ratio, industrial employment ratio have a significant effect on carbon dioxide (CO<sub>2</sub>) emissions in Top Emitters.*

*Keywords: Demographic Structure, Top Emitters, Panel Data Regression Method*