

ABSTRAK

ANALISIS PENGARUH POPULASI PENDUDUK, *FOREIGN DIRECT INVESTMENT* (FDI) DAN *CONTROL OF CORRUPTION* TERHADAP EMISI KARBON DIOKSIDA (Studi Kasus 9 Negara ASEAN Periode 2011-2020)

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Penelitian ini bertujuan untuk mengkaji dampak populasi penduduk, *foreign direct investment* (FDI) dan *control of corruption* terhadap emisi karbon dioksida. Sampel penelitian mencakup sembilan negara anggota ASEAN (Indonesia, Malaysia, Singapura, Thailand, Filipina, Brunei Darussalam, Vietnam, Myanmar dan Kamboja) periode tahun 2011 hingga 2020. Metode regresi panel menggunakan *model Fixed Effect* digunakan untuk menyelidiki dampak populasi penduduk, *foreign direct investment* (FDI) dan *control of corruption* terhadap emisi karbon dioksida. Hasil penelitian menunjukkan, variabel populasi penduduk, *foreign direct investment* (FDI) masing-masing mempunyai pengaruh positif dan signifikan terhadap emisi karbon dioksida, sedangkan variabel *control of corruption* berpengaruh negatif dan signifikan terhadap emisi karbon dioksida.

Kata Kunci: Emisi karbon dioksida (CO₂), Penduduk, FDI, Korupsi.

ABSTRACT

ANALYSIS OF THE INFLUENCE OF POPULATION, FOREIGN DIRECT INVESTMENT (FDI) AND CONTROL OF CORRUPTION ON CARBON DIOXIDE EMISSION LEVELS (Case Study of 9 ASEAN Countries for the Period 2011-2020)

By

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This study aims to examine the impact of population, foreign direct investment (FDI) and control of corruption on carbon dioxide emissions. The research sample includes nine ASEAN member countries (Indonesia, Malaysia, Singapore, Thailand, Philippines, Brunei Darussalam, Vietnam, Myanmar and Cambodia) from 2011 to 2020. Panel regression method using Fixed Effect model is used to investigate the impact of population, foreign direct investment (FDI) and control of corruption on carbon dioxide emissions. The results show that the variables of population, foreign direct investment (FDI) each have a positive and significant effect on carbon dioxide emissions, while the control of corruption variable has a negative and significant effect on carbon dioxide emissions.

Keywords: Carbon dioxide (CO₂) emissions, Population, FDI, Corruption.