THE IMPACT OF ECONOMIC GROWTH IN AGRICULTURE AND INDUSTRY TOWARD ENVIRONMENTAL DEGRADATION
(CASE STUDY: DEVELOPING AND DEVELOPED COUNTRIES)

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ABSTRACT

This study analyzes the impact of economic growth in industry and agriculture on environmental quality as measured by greenhouse gas emissions in the Developing and Developed Countries. In analyzing the impact of the use of the Environmental Kuznets Curve model approach (EKC) or the shape of the curve obtained. This study uses secondary data, which include annual quantitative data in the period between the years 1980-2008 from developing countries and developed. The analytical method used is panel data approach with weighting, Fixed Effect Cross section SUR. In the analysis it was found that a significant relationship to form the Environmental Kuznets Curve models (EKC) between CO₂ and CH₄ emissions with economic growth in the industrial sector and there is no significant relationship with the model of the Environmental Kuznets Curve (EKC) between greenhouse gas emissions (CO₂, N₂O and CH₄) with economic growth in the agricultural sector and N₂O emissions with economic growth in the industrial sector.

Keywords: agriculture, industry, developing and developed countries, greenhouse gas emissions, EKC, and Fixed Effect with weighting Cross section SUR.