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A Test of the Environmental Kuznets Curve for Local and Global Pollutants

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Poster Presentation 33

**A TEST OF THE ENVIRONMENTAL KUZNETS CURVE
FOR LOCAL AND GLOBAL POLLUTANTS**

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It is suggested that there is an inverted-U relationship between the level of pollution and the income of a country. That is, as the income of a country increases, there is first an initial increase in pollution and then a decrease as the desired level of environmental quality increases. This is known as the Environmental Kuznets Curve and its validity is debated among environmental economists.

The purpose of this paper is to test the hypothesis of the Environmental Kuznets Curve using OLS regression analysis. It examines the local pollutants particulate matter and sulfur dioxide and the global pollutant carbon dioxide. It is anticipated that the local pollutants follow the theoretically predicted U more closely than the global pollutants.