

# **UNDERSTANDING THE ENVIRONMENT-HEALTH LINKAGE ACROSS BRICS: A PATHWAY TOWARDS ACHIEVING SDG target 3.9**

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## **ABSTRACT**

Health and Environment undoubtedly share a very complex relationship. They can be said to be inextricably interlinked. Globally 25% of the total burden of diseases falls on environmental factors. And this disease burden is not evenly distributed around the globe. The developing countries face 15 times higher risk than the developed ones. BRICS as a club of emerging economies not only leads in income growth but also in environmental degradation and emissions. This paper tries to explore this environment-health relationship with respect to SDG 3.9 with the help of panel regression to capture the global perspective. While the result of the econometrics shows that the mortality related to indicators of SDG 3.9 are falling globally but trend is not same for BRICS nations. Therefore the paper further tries to analyze this very relationship in BRICS with the help of a socio-economic index where Brazil comes out to be the best performer out of the five while India gets the lowest position.

## **KEYWORDS**

Environmental health, BRICS, mortality rate, SDGs, pollution, Unintentional Poisoning

**JEL CLASSIFICATION:** I12, I14, Q01, Q28, Q53