# [***Findings from University of Tunku Abdul Rahman in the Area of Data Analytics Reported (The N-shaped Environmental Kuznets Curve for Biodiversity Loss: a Count Data Analysis)***](https://advance.lexis.com/api/document?collection=news&id=urn:contentItem:6BCS-FN21-JBSP-13NR-00000-00&context=1516831)

Ecology Daily News

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**Section:** INFORMATION TECHNOLOGY - DATA ANALYTICS

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**Body**

2024 FEB 21 (NewsRx) -- By a News Reporter-Staff News Editor at Ecology Daily News -- Investigators discuss new findings in Information Technology - Data Analytics. According to news reporting originating from Kampar, Malaysia, by NewsRx correspondents, research stated, "While South and Southeast Asian countries have experienced resilient economic growth over the years, the region has also been a global hotspot for ***biodiversity*** ***loss***. Thus, this study examines the income-***biodiversity*** ***loss*** nexus within the framework of the N-shaped environmental Kuznets curve (EKC) for South and Southeast Asian countries by employing annual sample data over the period of 2013-2019."

Our news editors obtained a quote from the research from the University of Tunku Abdul Rahman, "The N-shaped nexus between income and ***biodiversity*** ***loss*** is analyzed using the negative binomial regressions to deal with count outcomes and to overcome the over-dispersion issues. The estimation results consistently depict that the N-shaped EKC hypothesis holds true for South and Southeast Asia in both the aggregated model and disaggregated models (eight taxonomic groups). It is discovered that the threatened species rises when income reaches between $11,607 and $16,329 and declines when income goes to $38,880 and $52,303 over the sample period. Agricultural land and threatened species are positively related. Further, the control of corruption can lessen the decline in ***biodiversity***."

According to the news editors, the research concluded: "Our study reveals some important policies to achieve sustainable development without affecting the health of ecosystems in South and Southeast Asia."

This research has been peer-reviewed.

For more information on this research see: The N-shaped Environmental Kuznets Curve for ***Biodiversity*** ***Loss***: a Count Data Analysis. Energy & Environment, 2024. Energy & Environment can be contacted at: Sage Publications Ltd, 1 Olivers Yard, 55 City Road, London EC1Y 1SP, England.

The news editors report that additional information may be obtained by contacting Lin-Sea Lau, University of Tunku Abdul Rahman, Fac Business & Finance, Kampar, Malaysia. Additional authors for this research include Thian-Hee Yiew, Ai-Lian Tan and Yan-Ling Tan.

The direct object identifier (DOI) for that additional information is: https://doi.org/10.1177/0958305x231225295. This DOI is a link to an online electronic document that is either free or for purchase, and can be your direct source for a journal article and its citation.

Keywords for this news article include: Kampar, Malaysia, Asia, ***Biodiversity***, Data Analytics, Ecology, Information Technology, University of Tunku Abdul Rahman.

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