# [***University of British Columbia Reports Findings in Climate Change (Interconnecting global threats: climate change, biodiversity loss, and infectious diseases)***](https://advance.lexis.com/api/document?collection=news&id=urn:contentItem:6BW0-FVB1-JBSP-14KM-00000-00&context=1516831)

Climate Change Daily News

April 23, 2024 Tuesday

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**Section:** CLIMATE CHANGE

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**Body**

2024 APR 23 (NewsRx) -- By a News Reporter-Staff News Editor at Climate Change Daily News -- New research on Climate Change is the subject of a report. According to news reporting originating in Vancouver, Canada, by NewsRx journalists, research stated, "The concurrent pressures of rising global temperatures, rates and incidence of species decline, and emergence of infectious diseases represent an unprecedented planetary crisis. Intergovernmental reports have drawn focus to the escalating climate and ***biodiversity*** crises and the connections between them, but interactions among all three pressures have been largely overlooked."

The news reporters obtained a quote from the research from the University of British Columbia, "Non-linearities and dampening and reinforcing interactions among pressures make considering interconnections essential to anticipating planetary challenges. In this Review, we define and exemplify the causal pathways that link the three global pressures of climate change, ***biodiversity*** ***loss***, and infectious disease. A literature assessment and case studies show that the mechanisms between certain pairs of pressures are better understood than others and that the full triad of interactions is rarely considered. Although challenges to evaluating these interactions-including a mismatch in scales, data availability, and methods-are substantial, current approaches would benefit from expanding scientific cultures to embrace interdisciplinarity and from integrating animal, human, and environmental perspectives."

According to the news reporters, the research concluded: "Considering the full suite of connections would be transformative for planetary health by identifying potential for co-benefits and mutually beneficial scenarios, and highlighting where a narrow focus on solutions to one pressure might aggravate another."

For more information on this research see: Interconnecting global threats: climate change, ***biodiversity*** ***loss***, and infectious diseases. The Lancet Planetary Health, 2024;8(4). The Lancet Planetary Health can be contacted at: Elsevier Sci Ltd, 125 London Wall, London, England.

Our news correspondents report that additional information may be obtained by contacting Alaina Pfenning-Butterworth, Dept. of Botany, University of British Columbia, Vancouver, BC, Canada. Additional authors for this research include Lauren B. Buckley, John M. Drake, Johannah E. Farner, Maxwell J. Farrell, Alyssa-Lois M. Gehman, Erin A. Mordecai, Patrick R. Stephens, John L. Gittleman and T. Jonathan Davies.

The publisher of the journal The Lancet Planetary Health can be contacted at: Elsevier Sci Ltd, 125 London Wall, London, England.

Keywords for this news article include: Vancouver, Canada, North and Central America, ***Biodiversity***, Climate Change, Ecology, Global Warming, Health and Medicine, Infectious Diseases and Conditions.

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