

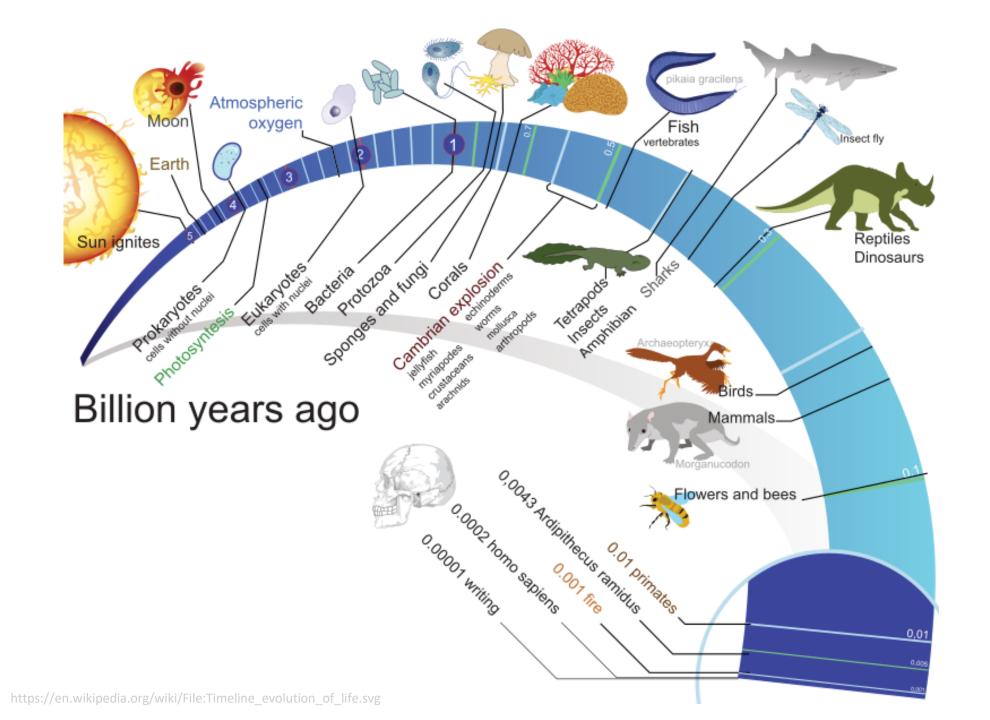
What does biodiversity do for us?

Prof. Jane Stout

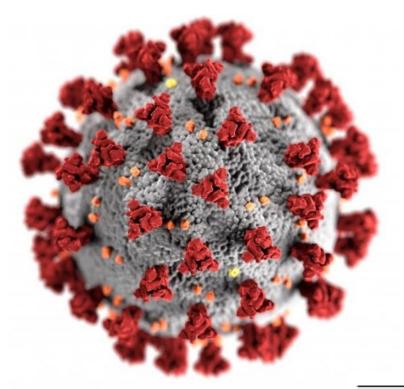
VP for Biodiversity & Climate Action Trinity College Dublin







Covid-19



Coronavirus 2 (SARS-CoV-2)

"We've been warning about this for decades. Nobody paid any attention."

The COVID-19 pandemic is intricately linked to biodiversity loss and ecosystem health

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The ongoing COVID-19 pandemic, caused by zoonotic SARS-CoV-2, has important links to biodiversity loss and ecosystem health. These links range from anthropogenic activities driving zoonotic disease emergence and extend to the pandemic affecting biodiversity conservation, environmental policy, ecosystem services, and multiple conservation

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The Biodiversity Research

facets. Crucially, such effects can exacerbate the i future zoonotic disease outbreaks. We explore potential zoonotic disease emergence drivers (eg, climate change), and discuss direct and indirect (health. We stress that responses to COVID-19 mus in order to avoid future emergence of zoonoses a and society. Such responses would benefit from adc communication, as well as from collaboration am

Biodiversity loss and ecosystem health are strongly linked to human health

The emergence of a zoonotic pathogen in human as SARS-CoV-2, was not unpredicted.¹⁻³ Of the re-emerging infectious diseases affecting human 21st century, most (75%) have been zoonotic in 6 with their natural reservoirs being other vertebrat



Controlling deforestation (shown here, in a tropical rainforest in the Congo Basin) could decrease the risk of future pandemics, experts say.

WHY DEFORESTATION AND EXTINCTIONS MAKE PANDEMICS MORE LIKELY

Researchers are redoubling efforts to understand links between biodiversity and emerging diseases – and to use that information to predict and stop future outbreaks.















