

Review of: "Thermal Stress and Dengue Fever: Exploring the Correlation between Elevated Temperatures and Heat Waves in Disease Dynamics"

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Potential competing interests: No potential competing interests to declare.

The association between high temperatures, heatwaves, and the spread of dengue fever is explored in depth in the manuscript. It covers the subject matter effectively. Additionally, 1. It prefers to clarify different types of epidemiological surveillance such as (syndromic and sentinel) and predictive models to anticipate potential dengue outbreaks. 2. Did microclimatic factors such as relative humidity and rainfall have an important role in the occurrence of dengue fever or not?

3. Mitigation of greenhouse gases such as CO₂, methane, NO₂, and hydrocarbons by different methods, for example, protecting forests from being cut down, for instance, or collecting methane from landfills, is an essential key element to reduce the impact of climate change. Failure to mitigate climate change will only make it more important to adapt.