

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

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Nicely written article. An appreciable effort to discuss the interrelationship of increased temperature with rising dengue cases. The major effects discussed are reduced mosquito life cycle, increased viral load leading to higher transmission of dengue fever with increasing heat stress. Climate change is a global phenomenon that includes not only high temperatures but also rainfall, precipitation, etc. The review article could have been more impactful if the relationships of parameters affecting dengue were discussed wrt rainfall and moisture, as they affect the mosquito breeding cycle. Furthermore, some data and tables to support the correlation between rising temperatures and disease dynamics could have been given. Very interesting article for the scientific community and general public.