

## Review of: "How Urban Heat Islands Effect Crime: Understanding the Implications of Temperature, Population Density, and Green Canopy Cover in Shaping Built Environments"

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Potential competing interests: No potential competing interests to declare.

This article provides a comprehensive exploration of the correlation between urban heat islands, crime, and urban design. The research topic is interesting and valuable, addressing the growing concern of urban heat islands in the context of climate change and urbanization.

However, the study focus on a specific case area in Western Australia, which may not be universally applicable due to varying climates, urban designs, and socioeconomic conditions in different countries and regions. The issue is the identified correlation does not delve into causation, leaving plenty of rooms for further exploration of the psychological and physiological effects of heat on human-social behavior. There should be other effective ways like qualitative methods for a better understanding of crime in the area.

For future research, it would be beneficial to identify more expansive research directions and entry points that encompass a wider scope. Additionally, a more profound analysis of causal mechanisms is necessary to better understand the underlying relationships. It's also crucial to diversify data collection methods to capture a more comprehensive picture of the phenomena.

Qeios ID: L4E3MT · https://doi.org/10.32388/L4E3MT