

Review of: "Designing for Social Sustainability: How Urban Environments Influence Crime"

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Potential competing interests: No potential competing interests to declare.

Indeed, extreme heat can change how we behave, increasing aggression and criminal behavior (e.g., Heilmann et al., 2021; Anderson et al., 2000). Therefore, it is necessary to investigate the impact of urban warming on people's behavior, as well as how it interacts with other factors that could also encourage bad behavior. This must be done following the scientific method and with a solid understanding of the concepts of the phenomena involved. Unfortunately, this is not the case in this study.

The study attempts to correlate criminal behavior with increases in the urban heat island effect in a suburb of Perth, Australia. However, the authors show a major ignorance of what the urban heat island effect is and how it is evaluated. Authors are suggested to review scientific literature on the subject (e.g., WMO, 2023; Stewart and Mills, 2021). Looking for statistical correlations between 'mean monthly ambient temperatures' and criminal records does not help to understand the potential impact of the urban heat island on people's bad behavior. There are many other environmental and social factors that must be considered. The challenge is to find a way to exclude their impact on the proposed analysis.

This manuscript cannot be considered as a scientific publication at all.

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

