# Review of: "Perceptions of 3rd Generation CPTED: Emerging Applications of Technology in Public Space Designs in Smart Cities"

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Potential competing interests: No potential competing interests to declare.Yes

Comments to author

This paper discusses technology's emerging applications in smart cities' public space designs, specifically focusing on the concepts of 3rd Generation Crime Protection Through Environmental Design (CPTED). The paper highlights the importance of reinforcing these concepts with appropriate technological safety systems to support smart cities. It discusses various examples of technology-based secure-smart systems, such as cell phone applications, drones, and digital interactive applications. The paper also addresses the issues of data breaches and accommodating physical devices in the spatial layout. Finally, it emphasizes the significance of adopting renewable energy to run public security functions in smart cities.

Therefore, the author should address the following comments to enhance the paper's quality:

1. Could you provide examples of technology-based secure-smart systems presented in this paper?
2. How do smart cities and service providers tackle challenges like data breaches and incorporating physical devices within the spatial layout?
3. What is the significance of implementing renewable energy for powering public security functions in smart cities?
4. While the paper presents instances of technology-based secure-smart systems, it lacks empirical evidence to support this claim. Clarification on this point is needed.
5. The paper does not explicitly identify any research gap.
6. An in-depth review of related work in this domain is missing. Instead, the paper primarily focuses on introducing its framework for an integrated mesh of digital security ecosystems, aiding architectural and urban design decisions by city municipals.
7. Additionally, the author should include the following references as requested.

1-Saif, A., Shah, N. S. M., Fattah, S. A., Alsamhi, S. H., & Kumar, S. (2023). Flexible Beamforming in B5G for Improving Tethered UAV Coverage over Smart Environments. *arXiv preprint arXiv:2307.07395*.

2-Saif, A., Alashwal, A., Abdullah, Q., Alsamhi, S. H., Ameen, A., & Salh, A. (2021, July). Infrastructure sharing and quality of service for telecommunication companies in Yemen. In *2021 International Congress of Advanced Technology and Engineering (ICOTEN)* (pp. 1-6). IEEE.

3-Saif, A., Dimyati, K., Noordin, K. A., Alsamhi, S. H., Mosali, N. A., & Gupta, S. K. (2022). UAV and Relay Cooperation Based on RSS for Extending Smart Environments Coverage Area in B5G.

4-Saif, A., Dimyati, K., Noordin, K. A., Mosali, N. A., Deepak, G. C., & Alsamhi, S. H. (2023). Skyward bound: Empowering disaster resilience with multi-UAV-assisted B5G networks for enhanced connectivity and energy efficiency. *Internet of Things*, 100885.