

# Review of: "Analyzing the nexus between Spatial Data Infrastructure Development and e-Government"

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

The authors are expected to address the below given comments, provide reasoning and make references to the various ideas brought about to improve the quality and readability of this manuscript before it can be considered for revaluation.

1. The paper discusses the development of SDI in Zimbabwe; however, author is advised to provide a more detailed analysis of how this SDI would integrate with existing data systems and infrastructures in the country. For instance, addressing challenges in harmonizing new SDI components with legacy systems, data format inconsistencies, and interoperability issues.
2. Introduction Section: The introduction is currently too brief. It should be expanded to include a range of studies on spatial variability. This will offer valuable insights and set benchmarks for key parameters in spatial analysis. Cite the below references for more detailed and comprehensive introduction section. <https://doi.org/10.1007/s10064-023-03435-6>; <https://doi.org/10.1007/s10064-023-03244-x>; <https://doi.org/10.1007/s12145-022-00924-2>; <https://doi.org/10.1080/10106049.2022.2138566>; <https://doi.org/10.1007/s12665-021-10084-z>
3. A critical aspect that seems underrepresented is the consideration of data security and privacy. Given the sensitivity of geospatial data, the paper should address how the SDI will protect against unauthorized access and misuse of data, as well as compliance with national and international data protection regulations.
4. The paper could benefit from a discussion on the scalability and long-term sustainability of the proposed SDI.
5. A critical aspect that seems underrepresented is the consideration of data security and privacy. Given the sensitivity of geospatial data, the paper should address how the SDI will protect against unauthorized access and misuse of data, as well as compliance with national and international data protection regulations.