

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.

I am impressed by the overall debate, and consider the article timely in the context of Zimbabwe, and Africa in general. However, as academic research involves a thorough and systematic investigation into what is known about a topic, the author needs to strengthen the article by revisiting some parts explained below:

Title and Abstract

Based on the title, the abstract concisely informs readers of the relationship between SDI and eGovernment in Zimbabwe. The author further highlights the key aspects of the paper in the context of Zimbabwe.

- Therefore, the author should add Zimbabwe to the title to narrow the topic to align with the article.

Introduction:

The author informs readers about a two-fold motivation for the research, which is to provide transparency for investors towards economic recovery, and decision-making in Zimbabwe.

- The author should state the objective with more clarity and why the chosen methodology is the most appropriate to achieve it.
- The author should also provide the flow of the paper to help readers to navigate the author's discussion

Literature Review:

The author provided some components relevant for SDI development research including geoportal, metadata, data standards, geospatial interoperability, web service, organizational structure and people. However,

- The author needs to strengthen the argument for these sections so that the discussions do not appear like notes.
- The author should provide more citations and articulate the discussion in an engaging manner.
- The author should link the sections logically to create a narrative, and coherence.
- The people component has not been fully reviewed, meanwhile, that is a key component to the success of the research with a host of stakeholders. People as data subjects, people as government personnel - the question of digital skills, people as investors etc.

- The author needs to demonstrate a clear understanding of existing literature on spatial data infrastructure and eGovernment.
- The author should be clear about the theoretical framework adopted and its connection to other parts of the paper.

Methodology:

This is a data project, but the methodology is not clear about data collection and analysis strategy.

- For instance, the article discusses data standards in the literature review, but the data needs to be captured and processed. But how? When? by who?
- It is also important to develop a stakeholder engagement strategy. For eGovernment projects, a holistic approach can enable the author to examine capabilities and systems from a comprehensive and integrated perspective. This approach can also enable the author to have a more complete and nuanced understanding of how eGovernment functions and its impact based on various dimensions the stakeholders, and other factors to provide.
- **In essence, the methodology needs to be well-defined, firm, and from a multidisciplinary perspective.**

Chapter 4

This section appears to be a fallout from another section - could it be that it was meant for the literature review section?

When the methodology is fixed, chapter 4 should emerge correctly.

Recommendations and conclusion:

The author presented appropriate visual aids like maps, charts, or graphs which align with the research objectives and provide valuable insights. However, the recommendations and conclusions need to be better articulated to align with the topic based on what has been debated earlier.

This paper is very promising if the author can incorporate the recommended changes and produce a revised copy. I am looking forward to reading a well-structured final article that demonstrates the author's aim of this study.