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| Book Name: | [**Science and Technology: Developments and Applications**](https://www.bookpi.org/bookstore/product/science-and-technology-developments-and-applications-vol-1/) |
| Manuscript Number: | **Ms\_BPR\_4836** |
| Title of the Manuscript: | **Use of RPAS (DRONES) for Masonry Arch Bridges Inspection: Quality and Sustainable Work with Preventive Guarantee** |
| Type of the Article | **Book Chapter** |

**Special note:**

**A research paper already published in a journal can be published as a Book Chapter in an expanded form with proper copyright approval.**

**Source Article:**

**This chapter is an extended version of the article published by the same author(s) in the following journal.**

**Revista de Gestão Social e Ambiental, 18(12): 1-29, 2024.**

**DOI:** [**https://doi.org/10.24857/rgsa.v18n12-048**](https://doi.org/10.24857/rgsa.v18n12-048)

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| PART 1: Comments | | |
|  | Reviewer’s comment **Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.** | Author’s Feedback *(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)* |
| **Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.** | **The research demonstrates that unmanned aerial vehicles (drones) can serve as a model tool for the preservation of architectural heritage, enabling fast and safe visual diagnoses with lower costs and risks. This study contributes to the literature in the field of heritage conservation by proving that drones can replace traditional inspection methods, reducing time, costs, and risks for workers while preserving the integrity of the inspected structure.** **The use of drones in this context is innovative, as it opens new opportunities for the preservation of ancient structures and transforms current practices in structural assessment of infrastructure and historical monuments​.** |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **The title of the article corresponds to the content of the article.** |  |
| Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here. | **The abstract is comprehensive and corresponds to the content of the paper. The methods and objectives of the study are stated, fully reflecting the research.** |  |
| **Is the manuscript scientifically, correct? Please write here.** | **The manuscript is scientifically based.** |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.**  **-** | **There is a sufficient number of references, and most of them are recent.** |  |
| Is the language/English quality of the article suitable for scholarly communications? | **Yes, it is.** |  |
| Optional/General comments | **The publication of this paper will significantly contribute to the scientific community in the relevant field.** |  |

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| **PART 2:** | | |
|  | Reviewer’s comment | Author’s comment *(if agreed with the reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)* |
| **Are there ethical issues in this manuscript?** | / |  |

**Reviewers:**

**Marko Radovanovic, University of Defense, Serbia**