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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 use of RPAS (drones) for masonry arch bridge inspections ensures high-quality assessments with precise data collection, reducing risks and enhancing efficiency. This sustainable approach enables early defect detection, promoting preventive maintenance and prolonging the bridge's lifespan.** |  |
| **Is the title of the article suitable?****(If not please suggest an alternative title)** | **Yes** |  |
| 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. | **Suugesting to maintain the standardization of an abstract. The abstract must be written in a phrase and should not be written under some subpoints.** |  |
| **Is the manuscript scientifically, correct? Please write here.**  | **Yes, but the more scientifiac and machinery approaches can be included Viz. using of dumpi level, abni meter, total station etc.**  |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.****-** | **References are not in alphabetical order. Please maintain a standard referencing style.** |  |
| Is the language/English quality of the article suitable for scholarly communications? | **Yes** |  |
| Optional/General comments | 1. **No need to numbering the subpoints under an article, suggesting to maintain standard format of writing of a research article.**
2. **In the methodology portion the coordinates must be reviewed and suggesting to give a range of coordinates where the reseraches were conducted.**
3. **The methodology portion should be precise and brief mentioning all the detaials of the applied machineries and the methods & techniques.**
4. **In conclusion part, the future aspects and probabilities can be discussed following the new ideas and applied methodologies to conservation and preservation of the cultural heritages.**
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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?**  | *(If yes, Kindly please write down the ethical issues here in detail)* |  |

**Reviewers:**

**Tamal Dutta, University of Calcutta, India**