# Review of: "Cloud-based geospatial services for building capacity and safeguarding heritage in climatically marginal landscapes"

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The objective, idea and coding of the article "Cloud-based geospatial services for building capacity and safeguarding heritage in climatically marginal landscapes" is good but the interface could be made easier for inexperienced users. The overall language is OK but needs refining by a professional, nevertheless it seems that the authors are addressing program users rather than scientific researchers or decision makers.

The introduction focused on describing the study areas but not on the indices used and why choosing them. Overall, the literature review is inadequate. Furthermore comparing with other available applications or validating the results of the developed tools would increase the value of the article. Describing the benefits of the tools and the problems in the study area is a must but it should be the main aspect of the article.

Figure 3 wasn't referred to in text, the tool should represent two different dates for the same area but that does not seem to be true. Figure 4 would be better if a) was a land use/land cover map to help the reader get familiar with the study area. In A1, you mentioned coding for a cloud mask but did not explain it and again you mentioned using NDWI and MNDWI without referencing their choice and the use of their composite. In A2 what threshold value did you use for water and what if vegetation was not in direct contact with water?. Tool A3 is very efficient and I recommend integrating it to tool A1 and A2. On the other hand, M2 requires an experienced remote sensing specialist as the authors mentioned that the user should train the algorithm or apply supervised classification. Again I would recommend the integration of A3 to M1 to have an easier method for classification for non experienced users.

The article should be published as their work is efficient and important but still the literature review should be enhanced first especially explaining the use of each index in the tools. And refrain from using the language used in programs user guide.