

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

Thomas T¹

¹ National Institute of Hydrology

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The manuscript is very interesting and drafted in a simple language that can be easily understood even by the beginners. The topic is very interesting, as use of cloud based geospatial services, particularly GEE is gaining importance as it is easily available and can be used with relative ease to identify the spatio-temporal changes in hydrometeorological, hydrological and environmental variables. This work will be of great use looking into the climate change impacts, that are clearly visible, resulting in extreme weather events such as devastating floods and drought all across the globe. The authors have mentioned the advantages and limitations of their work in detail, but it is felt that at this point of time, the advantages, by far overweigh the limitations. Some suggestions/queries could be :

a) Can one of the same tool be used to evaluate the extent of meteorological, agricultural and hydrological droughts during different drought years based on the changes in the health of the vegetation, dwindling of water spread areas in reservoirs, lakes and other water bodies etc. ? b) Also how to address the changes in the soil moisture availability during different weeks of a drought year or how to compare the soil moisture conditions during two or more drought years ? c) Is it possible to use this tool for real time assessments like real time flood plain mapping etc.

The inclusion of information on these aspects may help to further enhance the applicability of these tools for managing environmental issues in a changing world.