

Review Form 1.7

Journal Name:	International Journal of Environment and Climate Change
Manuscript Number:	Ms_IJECC_119634
Title of the Manuscript:	Identification and Mapping of Soil, Water and Vegetation of Hattikuni Watershed
Type of the Article	Original Research Article

PART 1: Review Comments

	Reviewer's comment	Author's comment <i>(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
<p>Compulsory REVISION comments</p> <ol style="list-style-type: none"> Is the manuscript important for scientific community? (Please write few sentences on this manuscript) Is the title of the article suitable? (If not please suggest an alternative title) Is the abstract of the article comprehensive? Are subsections and structure of the manuscript appropriate? Do you think the manuscript is scientifically correct? Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>The manuscript is important for the scientific community.</p> <p>The title fits well with the content of the article. In other words, the title is appropriate.</p> <p>The summary of the article is short, clear and concise, which makes the evaluator's task easier.</p> <p>The document is well structured and the sub-sections are appropriate</p> <p>In view of the methodology used to achieve the objectives set and the results obtained, I am able to say that the manuscript is scientifically correct.</p> <p>The 15 references are insufficient; only two references from 2017 and 2018 are recent, and the others are more than ten years old. The authors need to add a few more recent references, eliminating the oldest from 1998, 2004 and 2009.</p>	
<p>Minor REVISION comments</p> <ol style="list-style-type: none"> Is language/English quality of the article suitable for scholarly communications? 	<p>The quality of the English language is good and can be considered suitable for scholarly communication.</p>	
<p>Optional/General comments</p>	<p>In this study, the authors used two research software packages, Google Earth and QGIS, to identify and map the soil, water and vegetation of the Hattikuni catchment, and then compared the results in terms of reliability and quantity obtained from each software package. The results obtained using Google Earth, QGIS and Toposheet software show that it is possible to determine map data, identify soils and determine changes in primary resources using the above-mentioned software. The SOI Toposheets (1960-61) show eleven water bodies, while the Google Earth software shows eight water bodies obtained from a smaller spreading area than that of the toposheets. The soils identified are fine and mixed, with lithic soils occupying the largest surface area, followed by rocky and scrubby soils.</p>	

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PART 2:

	Reviewer's comment	Author's comment <i>(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

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