

## ***Interactive comment on “Land use and land cover change analysis of District Charsadda, Pakistan along Kabul River in 2010 flood: using an advance geographic information system and remote sensing techniques” by Misbah Fida et al.***

**Anonymous Referee #2**

Received and published: 9 December 2020

Dear authors, I have lectured the paper regarding the land use and land cover change analysis along a river, in regard to the changes induced by a flood and I have identified several issues regarding this approach: 1. the title is not suited to the content and need to be grammatically correct and English readable; I suggest that the authors have it checked by a native English speaker; 2. I do not manage to understand the research questions; if the overall question is how land-use/land-cover changed due to a flood, then the manuscript doesn't represent a substantial contribution to the understanding of natural hazards and their consequences (new concepts, ideas, methods, or data)

C1

since there is no interpretation but a report of what changed, based on remote sensing data; 3. if I take the main objectives from lines 91-97, the observation from point 2 remains, and further, I can say that the paper does not fulfill the objectives, because there is no analysis of the flood from a hydrological and geomorphological point of view, and also there is no flood hazard, risk zonation or risk mitigation analysis according to the international standards; 3. land-cover and land-use are different things, and these concepts should not be mixed; 4. I propose to the authors to consider a journal where the focus is on land use/land cover and GIS/RS, although even there something more than a simple report is needed; so the paper needs a message and originality in using GIS and RS for land-cover classification at least; 5. I suggest that the authors have a general check of the text by a native English speaker since in a lot of areas the English is not understandable.

Best regards,

---

Interactive comment on Nat. Hazards Earth Syst. Sci. Discuss., <https://doi.org/10.5194/nhess-2020-255, 2020>.

C2