Dear Reviewer,

We very much appreciate your positive statements regarding our manuscript. We are appreciative of your time and the detailed comments. In fact, you brought up interesting aspects, and we believe that these comments and our respective reactions to them will improve the quality of the paper. We did our best to improve the scientific quality of the manuscript significantly. Responses to each comment or suggestion is marked with track changes in manuscript.

General Comments

In general, the authors presents an interesting approach on the problem of general access or even existence of modern, i.e. web accessible landslide inventories. However, it remains a bit unclear if the focus is on the IT technical side or on the geological technical and on the harmonisation side, which is probably the bigger challenge. The paper would benefit from practical examples of how the harmonisation actually can be accomplished. Whether this was in the scope of the project or not could be clarified. It could also be elaborated on how the authors see the maintenance issue, should this system be actually implemented. Nodal agencies are mentioned but are they really capable of doing it. You could elaborate on what it would take for one of the nodal agencies to actually implement this.

Thank you for the useful and important comments. We should clarify that in this paper authors want to focus on highlighting the necessity of develop of a national-scale landslide management system, and present how stakeholders can contribute. We aimed to show available landslide information with various formats in Nepal and illustrate the need for collecting the landslide inventories for better hazard management in the country. Furthermore, please consider that the present paper is not part of a real project from the government, and it should be considered as a research work at an academic level. We agree that the issue of maintaining such a nationwide platform requires human resource and infrastructure. Therefore, based on our conducted fieldworks in the study area, we came to know that there are some landslide databases already prepared in Nepal and international organisations like International Centre for Integrated Mountain Development (ICIMOD) already generated a database of spatial data for regional development, which has a potential to play a significant role in hazard management and consequently in a sustainable development of the study area. Therefore, our research focuses on conceptualising the idea of national scale landslide database, but there is no plan for implementing. As mentioned before there are already some databases available at regional and national level. Thus, organisations in Nepal have the capabilities and human resources to apply them within a more applicable system. We completely agreed with your comment that it would be much work additionally for a single nodal agency. Thus, that is why developing such a system requires collaboration between different organisations.

Specific comments

- Line number 8 Drop “that”

Done, See line 8.

- Line number 17 Better 'landslide hazard and risk management".

Landslide management in Nepal was rewritten as per your suggestion as; Landslide hazard and risk management in Nepal. See line 16-17.

- Line number 34 there is an increase in damage. Even though this is likely, pls. provide actual proof.

We have added a reference as a real proof for the statement. See line 34.

- Line number 45 there is little collaboration happens between the authorities. Change happens to happening

Done, see line 44.

- Line number 54 pls. provide information on WHY the access is limited

Thank you for the valuable comment. We have added the explanation in the text as the inventories were prepared by research organisations and academic departments, they provide results in the form of reports and digital copy of inventories are not available. See line 53.

- Line number 84 database considered to database are considered.

Done, see line 82.

- Line number 92 during landslide hazards is a bit imprecise here. As the hazard is a probability, there can be no "during". Something like when landslides actually occur is better

Thank you for the valuable suggestion, we agree with you and have changed the text. See lines 89-90.

- Line number 93 change Landslide management

We agree with your comment. Landslide management in Nepal was rewritten as per your suggestion as; Landslide hazard and risk management in Nepal. See lines 91-92.

- Line number 123 please explain not only in the figure

We have explained in text: In Nepal, the lowest administrative unit is Village Development Committee (VDC) headed by village head, which is administered by the district departments at the district level. All district level officers are governed by national departments which are headed by various ministries. All ministries are governed under the central government. We refer you to lines 122-126.

- Line number 164 pls. explain the acronyms when first used

Done, see line 167-169.

- Line number 196 pls. make clear whether the imagery used in that report was compared to pre-disaster imagery in order to make clear that the landslides mapped were actually triggered by the earthquake.

A total of 17000 coseismic landslides were mapped by (Gnyawali et al., 2016), in most of the region, the satellite imagery of pre-earthquake were used from December 2014 and post-earthquake imagery from May 2-4 which was around one week after the main earthquake. We refer you to lines 198-200.

- Line number 210 The role of the EO database to be explained

Remote sensing and EO data play a significant role in mapping and analysing inventories. The EO data with appropriate resolution of pre and post-landslide event are required for conducting classification and interpretation of the hazard-affected area. We refer you to lines 214-217.

- Line number 238 pls avoid figures with unreadable content, reduce it to your message or drop it completely. It has no real benefit.

Done. We refer you to figure 4.

- Line number 242-243 pls re-word this

Done, We refer you to line 249.

- Line number 314 The upper section of this figure repeats figure 1, pls. make it more concise

Done, see figure 6.

- Line number 321 harmonize, and integrate

Done, see line 330.

- Line number 322 That is relatively trivial. Shorten it.

Done.

- Line number 330 It will be more than just a database, there will be application code, a web server etc.

Thank you for explanation, this part is revised on your comment. We refer you to lines 335-336.

- Line number 331 I think, this can be a problem in a developing country, how can you ensure sustainability.

You ae completely right and authors agree with you. However, please consider this paper is not part of a real project from the government and it should be considered as a research work at an academic level.

- Line number 335 PostgreSQL is not a query language (this would be SQL) . I think this paragraph can be shortened. Just mentioning PostGIS is enough.

Done, We refer you to lines 339-342.

- Line number 343 Other classifications exist; pls. explain why you chose this one.

Done, We refer you to lines 345-346.

- Line number 345 can you give estimates on the time required for every step?

The time require for a single person at district level to verify new uploaded landslides can be varied and depends upon the local infrastructure and information available to him.

- Line number 369 Unclear English

Done.

- Line number 379 which study

Done.

- Line number 398 This is just a link to the BRGM website, either provide a detailed link or leave out.

Reference details updated.

- Line number 414 Duplication of name in reference.

Reference details updated.

- Line number 430 This source is imprecise

Reference details updated.

- Line number 537 Duplication of name

Reference details updated.