

Interactive comment on “Trail impact monitoring in Rocky Mountain National Park, USA” by J. Svajda et al.

Anonymous Referee #3

Received and published: 9 December 2015

Dear Authors,

Although your manuscript presents an interesting approach, I think there are some minor revisions that need to be taken into account.

STUDY AREA:

L17. 'dramatic'. I would suggest the authors not to use this word as it is not fairly academic nor scientific. L20. 'fragile...area'. This sentence does not fit well in the paragraph. L20. I would not use the plural as 'geology' is only one. L24. It would be interesting if the authors could provide a graph in which it is shown this trend. Page 6 L15. This sentence should be on the first paragraph of the Study Area.

METHODS AND ANALYSIS:

C1522

I would suggest to the authors to structure a bit more the Methods and Analysis by using 3.1; 3.2; etc. I think it would help the reader as they (we) would be able to figure out in just one quick look which methodology and analysis were done.

Page 7 L11. I would suggest to the authors to use a synonym of 'trail'. Page 9 L1. How did you decide what was the 'original' land surface? How long were the stakes? material?. Page 9 L12. Please type the equation with the Equation Editor of Word. Page 9 L25. There is a lack of information on how you computed soil roughness. Did you perform and DEM of the trail surface? What was the resolution? Which programme did you use to work with the photographs?.

RESULTS:

L16. Then, there is no need to write it in your manuscript. L18. Do you mean slope? % of slope?. L25. 89.9 cm (you missed the units).

4.2. Trail conditions by classic analyses (page 11).

All this statistical information should be put on a table (e.g. your Table 4), with all the p values included.

4.3. Decision trees (page 12). This should be explained in the Methodology section.

TABLES:

1. It does not look good to present a table like this. Please make sure you put all the relevant information in just one table. 2. In brackets irrelevant information to write it here. Please try to modify the figure as it is not clear what you want to show. 3. If you write Percentage (%) you do not need to write % for every single value. 4. As I wrote before, p values are missing.

FIGURES:

2. Please modify the figure as each picture has different size. Also, do not comment each picture. You have to label them and write the explanation in the figure caption.

C1523

3. Too big graph. Values can be barely seen as well as the legend. 5. Values can be barely seen.

Interactive comment on Solid Earth Discuss., 7, 3117, 2015.

C1524