

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

J. Svajda et al.

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Thank you very much for the general and specific comments made by anonymous referee # 2. The referee considers the study as interesting and well-designed with sound data analysis. Regarding comments made by referee # 2, we have made the following modifications:

- whole manuscript including the “discussion” section will be checked by native English speaker to improve English use
- “conclusion” section rewritten
- proposed references added

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- “1,2 m” to “120 cm” changed
- “maximum incision ranged” changed to “incision ranged”
- figure 3 leaved in without explanation in text
- sentence modified with explanation of values for different use levels
- wording changed “When soil loss was analyzed more deeply, correlation coefficients showed no meaningful dependence between soil loss, trail slope ratio and trail slope alignment. Maximum incision is only significantly dependent when compared to trail and landform grade.”
- “elevation – smaller number” changed to “elevation due to a smaller number”
- “meaningful results” changed to “meaningful insights”
- statement about broad scope of study deleted (focusing only on trail widening and soil loss)
- sentence re-worded “long periods of closure are necessary to improve most of soil properties”
- table 2 title/caption added
- figures 3-5 font size increased
- figure 6 call to the figure added in the text of manuscript

We believe these additional explanations and clarifications are satisfactory to account for the remarks and suggestions by reviewer # 2 and we hope that you will find our revised and re-written paper suitable for publication in Solid Earth. We look forward to hearing from both you and reviewers.

Best regards,

Juraj Svajda

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