

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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We would like to thank you very much for the comments and suggestions made by reviewer # 1. The reviewer was generally supportive of the study. Regarding the specific comments made by reviewer # 1 for the different sections we have made the following modifications:

- creating replaced by created
- subjective descriptions removed
- reference and quantitative basic climatic information including trends added (Gonzales, 2012)

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- late August and mid-September
- erosion from water and wind, compaction from traffic, soil displacement to the trail sides or downslope are the most important casual factors of soil loss
- it is true that also other factors can have influence on degradation of hiking trails (e.g. Bryan, 1977) so we discussed more in details soil properties – abundance of rocks, organic content etc. as trail surface, other large-scale factors (e.g. geology) are nearly the same for all evaluated trails, geomorphic processes are assessed through landform grade etc.
- figure 1 adjusted

We believe these additional explanations and clarifications are satisfactory to account for the remarks and suggestions by reviewer # 1 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

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

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