Response to the Editor's comments

We thank the editor for taking the time once again to read our manuscript and provide insightful suggestions which helped finalize this manuscript. We edited the manuscript to follow the editor's suggestions.

L13 & L61: In accord with the editor's suggestion, the word "explained" is now used instead of "constrained".

L103: The sentence has been edited to clarify that it is the presence of AMF that we expect to increase basalt weathering rates.

L106: The hypothesis has been revised and the authors now consistently make use of the word "application" rather than "addition" throughout the manuscript.

L162: The manuscript has been amended to clarify that the amount of water provided to the mesocosm is a cumulative total over the experimental period.

The layouts of figure 3 and 4 have been revised to improve readability following the editor's suggestion, and now all figures in the main text use a grayscale. The size of the figures was also increased to improve readability.

Figure 8: Although from the ANOVA test a positive effect of basalt (across both AMF treatments) emerged on tassel Mg (without a significant AMF x basalt interaction), the editor rightfully noted that the only significant increases emerging from the post-hoc test were between B-AMF and the two control treatments (C-AMF and C+AMF). The figure and text (L387) have been revised to better reflect this nuance.