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To: Dr. Prof. Greg Hancock
Editor, *Earth Surface Dynamics*

Reference: Response to minor revisions made by the editor

Dear Dr. Prof. Greg Hancock,

We provide a new version of the manuscript, where we checked for any spelling and grammar issues. Since we performed minor corrections, the manuscript and its marked-up version correspond in terms of colors, highlights etc.

Thank you for your effort and the useful suggestions.

With my kindest regards,

Riccardo Reitano, on behalf of all authors.