

## ***Interactive comment on “Australian net (1950s–1990) soil organic carbon erosion: implications for CO<sub>2</sub> emission and land–atmosphere modelling” by A. Chappell et al.***

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Thank you for your comments. We found them to be balanced and incisive and agree that more work is required to more precisely determine the fate of the eroded carbon.

We included a new statement at this section of the text to direct the reader to “A justification for the values used in these terms is provided in section 2.5.”

In section 2.5 we have included values for the sum of eroded C of the net erosion pixels, and the sum of deposited C in the net deposition pixels. We have also taken the opportunity to clarify in the related text the description and justification of the values used.

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Agreed. Thank you for pointing out that important oversight. We have modified the caption of figure 2 and changed the text at P. 10 L. 16.

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