

To the attention of the editors,

In addition to the misplacement of the Appendices, that was notified to us by the editor, we noticed 3 minor errors in the manuscript at the last step:

- The non-updated file of Figure 4 was uploaded by mistake: the “toolkits” were missing on the figure. They are now present on the figure.
- Equation 60 had a wrong numerator (should have been “1”) and the sediment density was missing for the ratio to be dimensionless.
- Line 717 (718), the wrong numbers were written. It must have been 0.724 and 0.276 (instead of 0.635 and 0.365), to satisfy the ratio 12.3:4.7, indicated just before.

Moreover, a new release of the code has been published, with the addition of the scripts that generate some boundary conditions, as requested by the reviewers. These releases (7.0.1 for the “main” code and “Mil-90Ma-1.0.1” for the specific experiments) have new DOIs, that have been updated in the “code and data availability” statement.

We can provide a manuscript “diff” pdf if needed.

Best regards,
Pierre Maffre