

Author Correction: Global-scale human impact on delta morphology has led to net land area gain

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 Check for updates

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Florin Zăinescu, Edward Anthony, Alfred Vespremeanu-Stroe, Manon Besset, and Florin Tătui have drawn our attention to an error in our paper that we wish to correct. Figure 3a was made with a different, earlier, version of the data (v0.9) than what we used for the other figures and tables. We have regenerated Fig. 3a with the correct data version (v1) that was used throughout the remainder of the paper (see Fig. 1 below). The earlier version and the correct data version can both be found online at <https://doi.org/10.17605/OSF.IO/S28QB>. We wish to emphasize that these data, and the underlying methodology, are meant primarily to investigate global-scale river delta patterns. They may produce errors for individual deltas (e.g., the Yellow River Delta).

There are no implications of this correction for any of our results or conclusions.

The figure has been replaced in the HTML and PDF versions of the article.

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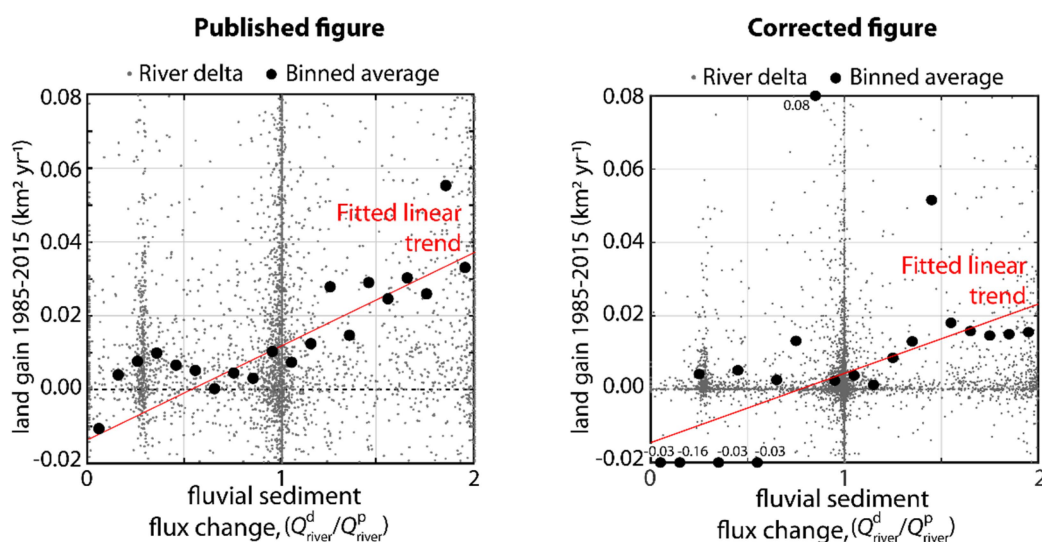


Figure 1 | The published Fig. 3a (left) versus the corrected Fig. 3a (right).
The fitted trends are generated with a linear regression model that produces $y = 0.025x - 0.014$ (left, $P = 0.5$) and $y = 0.018x - 0.014$ (right, $P = 0.0004$) between $x = 0$ and $x = 2$. Binned averages display the arithmetic means of delta

land area change data for x -axis ranges of 0.1 between 0 and 2. Numbered labels in the corrected figure indicate the average land area change of five bin means that fall outside of the y -axis range. We show the compressed y -axis range here for the purpose of comparison with the earlier published version.