

## ***Interactive comment on “Assimilation of wide-swath altimetry observations to correct large-scale river routing model parameters” by Charlotte M. Emery et al.***

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The authors would like to thank referee Paul Bates for his helpful comments. Please find in the attached file " " our replies with which we hope to address his concerns. To easily address all comments, we numbered each comment: they are referenced with a “M” for the major comments and with a “m” for the minor comments.

The abstract, the introduction (the latest paragraphs only) and the discussions sections have been updated a lot due to several remarks from all reviewers. Therefore, we attached to our reply separate files with the new version of these sections. In these rewritten sections, we used a color code to differentiate which reviewer made the com-

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ment and suggested a modification: comments from reviewer 1 (Hessel Winsemius), 2 (Claire Michailovsky) and 3 (Paul Bates) are in purple, orange and green respectively. Each modification is also referenced by a code in bracket indicating the reviewer (R#\*\*) and the type and index of the comment (M/m#\*\*) such as: “[R#3-M#1]”.

Documents in the attached archive: - Authors’ replies: Reply-to-reviewer-3.pdf - Corrected abstract: Hess-2019-242-corrected-abstract.pdf - Corrected introduction (latest paragraphs: From p.3, l.19 – p.4, l.5 in the original version of the manuscript): Hess-2019-242-corrected-introduction.pdf

Please also note the supplement to this comment:

<https://www.hydrol-earth-syst-sci-discuss.net/hess-2019-242/hess-2019-242-AC1-supplement.zip>

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Interactive comment on Hydrol. Earth Syst. Sci. Discuss., <https://doi.org/10.5194/hess-2019-242>, 2019.

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