Interactive comment on "Data assimilation and uncertainty assessment in 3D geological modeling" *by* Daniel Schweizer et al.

Daniel Schweizer et al.

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Dear F. Wellmann,

The authors would like to thank you for your precious time and your efforts in reviewing the submitted manuscript. We have addressed all recommendations indicated in the review report, and believe that the requested and implemented corrections will improve the quality and consistency of our paper.

To facilitate the evaluation of our revision, the page and line numbers of the reviewer's comments refer to the originally submitted manuscript. However, page and line numbers of our responses refer to our revised manuscript with the marked changes.

Please find attached our responds to your comments appended by the new manuscript

with marked changes and two pages of supplementary material.

Sincerely, Daniel Schweizer

Please also note the supplement to this comment:
http://www.solid-earth-discuss.net/se-2016-174/se-2016-174-AC1-supplement.pdf