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 G. Caumon,

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.

Attached you will find our responds together with our revised manuscript with marked changes as well as a description of the parameters used during the modeling process which will be added to this article as supplementary material.

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, which also includes those changes to the manuscript made in response to Reviewer #1.

Sincerely, Daniel Schweizer

Please also note the supplement to this comment:
http://www.solid-earth-discuss.net/se-2016-174/se-2016-174-AC2-supplement.pdf

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