

## ***Interactive comment on “Global sensitivity analysis, probabilistic calibration, and predictive assessment for the Data Assimilation Linked Ecosystem Carbon model” by C. Safta et al.***

**J. C. Hargreaves (Editor)**

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Both reviewers suggest major revision, and point to various highlights and deficiencies in the manuscript. The manuscript would appear to require some re-writing and restructuring in order to make its purpose clear. Inclusion of the reasons for the selection of methods is an important part of a GMD paper, and it appears to be missing in this case, being substituted by an unnecessarily long general review in the introduction. Numerical details are of course important, and these should be retained in the main text of the manuscript, but it should still be possible to create a well focussed and argued narrative. Among other things, the use of uniform priors and ignoring model error are

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likely to be problematic - in this context, some work will be required to convince the reviewers and editor that the results are, nevertheless, meaningful!

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Interactive comment on Geosci. Model Dev. Discuss., 7, 6893, 2014.

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