

Interactive comment on “Global Sensitivity Analysis of Parameter Uncertainty in Landscape Evolution Models” by Christopher J. Skinner et al.

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Dear authors,

In my role as Executive editor of GMD, I would like to bring to your attention our Editorial version 1.1:

<http://www.geosci-model-dev.net/8/3487/2015/gmd-8-3487-2015.html>

This highlights some requirements of papers published in GMD, which is also available on the GMD website in the ‘Manuscript Types’ section:

http://www.geoscientific-model-development.net/submission/manuscript_types.html

In particular, please note that for your paper, the following requirements have not been

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met in the Discussions paper:

- "The main paper must give the model name and version number (or other unique identifier) in the title."
- "If the model development relates to a single model then the model name and the version number must be included in the title of the paper. If the main intention of an article is to make a general (i.e. model independent) statement about the usefulness of a new development, but the usefulness is shown with the help of one specific model, the model name and version number must be stated in the title. The title could have a form such as, "Title outlining amazing generic advance: a case study with Model XXX (version Y)"."
- "All papers must include a section, at the end of the paper, entitled 'Code availability'. Here, either instructions for obtaining the code, or the reasons why the code is not available should be clearly stated. It is preferred for the code to be uploaded as a supplement or to be made available at a data repository with an associated DOI (digital object identifier) for the exact model version described in the paper. Alternatively, for established models, there may be an existing means of accessing the code through a particular system. In this case, there must exist a means of permanently accessing the precise model version described in the paper. In some cases, authors may prefer to put models on their own website, or to act as a point of contact for obtaining the code. Given the impermanence of websites and email addresses, this is not encouraged, and authors should consider improving the availability with a more permanent arrangement. After the paper is accepted the model archive should be updated to include a link to the GMD paper."

Even if the criteria for the "Model Evaluation paper" type are not as strict as for the model description type, please add the name of the model you are assessing to the title.

E.g. "Global Sensitivity Analysis of Parameter Uncertainty in Landscape Evolution Models: as case study with CAESAR-Lisflood (vX.Y)". As the result of the assessment can differ with different model version, please also add the model version (unique identifier) used for the assessment described in this article.

Last but not least, in the Code Availability section the link to the CAESAR-Lisflood model is provided. It is good, that the model is publicly accessible. Nevertheless, the article referes to one specific version of the model. This version should be permanently archived and made available to the readers.

Yours,

Astrid Kerkweg

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