

We would like to thank Astrid Kerkweg, the Executive editor of GMD, for her constructive comments on our manuscript regarding to the basic requirements of papers submitted in GMD. Our point-by-point response to the comments is given in the following (Comments in black, Answers in blue):

Dear authors,

in my role as Executive editor of GMD, I would like to bring to your attention our Editorial version 1.2:

<https://www.geosci-model-dev.net/12/2215/2019/>

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 requirement has not been met in the Discussions paper:

Thank you for the notes. We have carefully read the information of Editorial version 1.2. We will follow the requirements of the papers published in GMD.

- *"The main paper must give the model name and version number (or other unique identifier) in the title."*

Please add a version number for LPG-GUESS to the title upon your revised submission to GMD.

Thank you. We have changed the title accordingly from "Modelling symbiotic biological nitrogen fixation in grain legumes globally by LPJ-GUESS " to "Modelling symbiotic biological nitrogen fixation in grain legumes globally by LPJ-GUESS (v4.0, r10285)"

Yours,

Astrid Kerkweg