Reply on CEC2

Johannes Oberpriller

Community comment on "Climate and parameter sensitivity and induced uncertainties in carbon stock projections for European forests (using LPJ-GUESS 4.0)" by Johannes Oberpriller et al., Geosci. Model Dev. Discuss., https://doi.org/10.5194/gmd-2021-287-CC2, 2021

Dear Prof. Juan A. Añel,

Thank you again for your comments. I tried to contact the editorial support team to find out how we can update the preprint, but did not receive an answer until now. Thus, I would like to clarify the code availability here. We will update the preprint accordingly as soon as possible.

The LPJ-GUESS code we used is stored in a permanent repository at the University of Lund, and a unique revision number is associated with this code (see below). The code was provided to us under the policy of the LPJ-GUESS development team, which is that LPJ-GUESS code is available on request. Thus, we would include the following paragraph in the manuscript:

"**Code availability.** LPJ-GUESS development is managed and the code maintained in a permanent repository at Lund University, Sweden. Source code is made available on request. The model version presented in this paper is identified by the permanent revision number r10207 in the code repository. There is no DOI associated with the code."

A similar policy has been acceptable for GMD in previous manuscripts (see e.g. https://gmd.copernicus.org/articles/14/6071/2021/). If the availability on request is not acceptable, we will have to discuss with the LPJ-GUESS development team if an exception can be made.

Moreover, In line with your suggestions, we included a GPLv3 licence for our own code on github and created a zenodo snapshot https://zenodo.org/record/5645252#.YYPmZ3kxmJQ of the GitHub repository. We will adjust the Code availability statement in the manuscript and add the zenodo instead of the github repository.

We are sorry that we missed these problems in the beginning.

Sincerely,

Johannes Oberpriller