## Responses to the comments of Executive Editor, Juan A. Añel

In the Code and Data Availability section, you state, "The code of this system can be obtained on request from the corresponding author". However, this is not acceptable for papers intending to be published in Geosc. Mod. Dev. You must publish the RAPAS v1.0 code in one of the appropriate repositories.

## **Response:**

Thanks for your notification. We have uploaded RAPAS v1.0 assimilation code to Zenodo. We have added "The codes of RAPAS v1.0 are available at https://doi.org/10.5281/zenodo.5566225." in the revised manuscript.