Geoscientific Model Development Discussions

Geosci. Model Dev. Discuss., author comment AC3
https://doi.org/10.5194/gmd-2022-117-AC3, 2022

Reply on CEC1

Zhengfa Bi et al.

Author comment on "DeepISMNet: three-dimensional implicit structural modeling with convolutional neural network" by Zhengfa Bi et al., Geosci. Model Dev. Discuss., https://doi.org/10.5194/gmd-2022-117-AC3, 2022

Responses to comments from reviewers

Dear editors,

We sincerely appreciate all your wonderful work so that we could obtain the reviewed

manuscript promptly. Thanks for your time on reviewing and processing our paper and providing your insightful feedback. Below we are trying to responses your suggestions and questions. Let's discuss more if some of our explanations in the responses are not clear to you.

Thanks!

- **Code and Data Availability**
- Please publish your code in one of the appropriate repositories. Also, please, remind that you must include in a potential reviewed version of your manuscript the modified 'Code and Data Availability' section, with the DOI of the code.

Thanks for your suggestion. We have modified the related texts in section "Code and Data Availability" of the manuscript. The source code for the CNN developed in Pytorch in this research is available and can be accessed through the following DOI link of Zenodo:

https://doi.org/10.5281/zenodo.6684269

The synthetic structural models, used for training and validating the network, are uploaded to Zenodo and are freely available through the DOI link: https://doi.org/10.5281/zenodo.6480165.

Please also note the supplement to this comment:
https://gmd.copernicus.org/preprints/gmd-2022-117/gmd-2022-117-AC3-supplement.pdf