Interactive comment on "Implementation of a roughness sublayer parameterization in the Weather Research and Forecasting model (WRF version 3.7.1) and its validation for regional climate simulations" *by* Junhong Lee et al.

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We thank all the editor for spending their valuable time to review our manuscdript. We are also happy to receive constructive comments of the reviewers and please check our reponses to your valuable comments below.

General comments:
This is an executive editor comment highlighting the ways in which this manuscript is

not currently compliant with GMD policy on code and data availability. The following issues need to be resolved in any revised manuscript.

Reply: We revised the manuscript to comply with GMD policy on code and data availability. Please check our revision described below and let us know if you have further concern on GMD policy. Thank you very much.

Specific comments:

1. Github URLs. Github is an excellent development platform, but it lacks the features required of an archive. GitHub themselves tell authors to use Zenodo for this purpose. The authors should follow the procedure detailed there to archive the exact version of the software used to create the results presented: https://guides.github.com/activities/citable-code/. The resulting Zenodo repositories present the correct bibliography entries to use.

Reply: We made Zenodo repository of our codes (http://doi.org/10.5281/zenodo.3555537) as the editor suggested and showed this address in the revised manuscript.

2. Posting a URL is not a correct way to cite NCEP data. Click on the URL you posted and the very web site you go to provides information on how to cite, including buttons to download the appropriate BibTeX or RIS. Please cite this data properly

Reply: We revised the manuscript as the editor suggested.

3. The forcing data from the Korea Meteorological Administration is not identified with any precision at all. Please cite the specific data used so that someone who wished to reproduce your work would be able to find the exact data you used. It would also be

particularly advantageous if the data could be found without having to read Korean, as I suspect that Korean literacy rates among the wider atmospheric science community are rather low.

Reply: We provided more details on the observation data in the revised manuscript with a full link address. Please consider the Korea Meteorological Administration provides data on website in Korean only and so in Code and data availability, we showed that the observation data were available upon request to the corresponding author (jhong@yonsei.ac.kr / http://eapl.yonsei.ac.kr).

Interactive comment on Geosci. Model Dev. Discuss., https://doi.org/10.5194/gmd-2019-242, 2019.

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