Response to Topical Editor Decision on "The Ensemble Framework For Flash Flood Forecasting (EF5) v1.2: Description and Case Study" by Zachary L. Flamig et al.

September 2, 2020

General comments

Reviewer. Topical Editor Decision: Correction needed (review by editor) (28 Aug 2020) by Jeffrey Neal

Comments to the Author: Dear Jonathan,

Thank you for the revised version, I'm happy to accept the scientific content. The executive editor has sent me a reminder about GMD code availability policy, which I need to pass on. Apologies for this late in the day technical correction that I should have spotted earlier.

A GitHub URL is insufficiently persistent in the current version. GitHub themselves tell authors to use Zenodo for this. Could I ask that you follow the instructions here: https://guides.github.com/activities/citable-code/ to archive the exact version of the code which is being presented. Zenodo will provide you with the correct BibTeX entry your bibliography.

Further details on code and data availability requirements are in the GMD model code and data policy: https://www.geoscientific-model-development.net/about/code$_a$nd$_d$ata$_p$olicy.html $https://doi.org/10.5194/gmd-12-2215-2019$.

Any problems please get back to me but I do not envisage needing to review the paper.

Best wishes, Jeff

Response.

Dear Jeff,

We appreciate the feedbacks. We have now placed all our code, parameters, and data on Zenodo with DOI certificates and also provide links to Github. We believe this satisfies the data availability policy that was raised by the executive editor. Below is the revised Data and Code Availability Statement that appears at the close of the document:

Data and code availability. The source code to EF5 is available on GitHub at https://github.com/HyDROSLab/EF5, on Zenodo at https://zenodo.org/record/569078, has a DOI of 10.5281/zenodo.569078 and is fully documented in Flamig et al. (2017). EF5 is released into the public domain for all use cases. The spatially distributed DEM, routing, and surface water balance parameters as well as potential evapotranspiration forcings are available at https://github.com/HyDROSLab/EF5-US-Parameters, on Zenodo at https://zenodo.org/record/4009759, and has a DOI of 10.5281/zenodo.4009759. Documentation, including the user manual and training videos, can be found at http://ef5.ou.edu. The MRMS radar-based rainfall decadal archive is available at http://edc.occ-data.org/nexrad/mosaic/ with the following DOI: https://doi.org/10.25638/EDC.PRECIP.0001.

Regards, JJ