

Author response to the reviews of the paper “Discrete k-nearest neighbor resampling for simulating multisite precipitation occurrence and adaption to climate change”

(Manuscript # gmd-2018-181-RC1,)

Interactive comment on “Discrete k-nearest neighbor resampling for simulating multisite precipitation occurrence and adaption to climate change” by Taesam Lee and Vijay P. Singh

Dear Taesam,

Thank you for you revised manuscript. I'm very pleased to report a positive response from the reviewer and I am satisfied that all substantive concerns have been addressed. I would therefore like to accept the article for publication in GMD.

The reviewer has one remaining concern relating to the reference to climate change in the title, as they believe this is overemphasised. From my perspective, I'm happy to see the climate change aspect of your work recognised in the title, however the wording "adaptation to climate change" is very broad relative to what you have done. Along with the reviewer, I would prefer something more specific to the research that makes it clear that you are adapting the simulation model to climate change scenarios (e.g. the wording used in the conclusions). I will leave the decision with you, but one option would be to write “...occurrence and model adaption to climate change”.

Best Regards,
Jeff Neal

Reply: We really appreciate all the Editors and the reviewer's for their insightful comments. Especially, our special appreciation goes to the Topical Editor, Jeff Neal. For the title, the authors agree with the reviewer's concern and AE's comment. The title was modified as “Discrete k-nearest neighbor resampling for simulating multisite precipitation occurrence and model adaption to climate change” accordingly.