

Interactive comment on “Model evaluation of high-resolution urban climate simulations: using WRF ARW/LSM/SLUCM model as a case study” by Zhiqiang Li et al.

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The reviewer made constructive comments to improve the presentation and structure of the paper. This is only a brief response and we will provide a detail response later. We plan to better organize the presentation of the proposed evaluation framework by including a clear workflow of the evaluation framework, more justification of PSS theory and other tools, and a summary table of evaluation results in our case study. With respect to the definition of ‘acceptable’, we will discuss it and summarized a framework of the practical grading guidelines, which shall be further refined given the proposed evaluation tools being applied in many other case studies. Moreover, we will also

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reconsider the next steps and appendix. Furthermore, thanks for your interest in the developed high-resolution urban surface data. We are preparing another paper on it in which we compared the modeling results using the coarse urban land surface data provided by the WRF ARW model and the newly developed high-resolution urban land surface data. The paper should come out soon. Regarding the selection of schemes for the physics components, we will provide more details in the later version.

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