

**Model evaluation of high-resolution urban climate simulations: using WRF/Noah LSM/SLUCM model (Version 3.7.1) as a case study.**

[ **Summary comment** ] The motivation and objectives of the study are of prime importance, and this revision is a better-organized and streamlined version of the original submission. However, in my opinion, the work still lacks in rigor and depth to be granted publication in GMD (see MC1).

[**Comment 1**] Section 2.2. The procedure is relatively well described, but the authors do not discuss the criteria for considering a given PSS value acceptable. This I would imagine would vary depending on the quantity of interest, time and spatial scales of the problem under consideration.

[**Comment 2**] English requires substantial revision: Several sentences are qualitative or poorly formulated, and several typos are present throughout.

[**Minor comment 1**] P1L30. "...urban climate simulation models are among the most powerful ones." -> This sentence is not very accurate. What do the authors mean by "most powerful"?

[**Minor comment 2**] P1L34. "its corresponding observed ones." -> "and corresponding observations."

[**Minor comment 3**] P1L35-37. "Model" or "modeling is used 8 times, please rephrase avoiding repetitions.

[**Minor comment 4**] P2L1-2. This sentence is a repetition of the concepts explained in the preceding paragraph. I suggest removing it or rephrasing.

[**Minor comment 5**] P2L10. "of every conclusion" -> "of conclusions".

[**Minor comment 6**] P2L35. "interval" -> "departure"?

[**Minor comment 7**] P3L30. "instinct" -> A rigorous procedure rather than instinct should be adopted to assess whether model results compare well against experimental measurements.

[**Minor comment 8**] Fig 4. "Comparaison" -> "Comparison" (title of the figures)

[**Minor comment 9**] P13L28. When comparing point-wise measurements with grid-cell averaged simulation results, some kind of upscaling procedure should also be adopted. Can the author address this problem?

[**Minor comment 10**] P13L33. "Theoretically, verifying or validating a model is impossible" -> please specify which "model".