

Hydrol. Earth Syst. Sci. Discuss., author comment AC1
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Reply on CC1

Xichao Gao et al.

Author comment on "The impact of wind on the rainfall–runoff relationship in urban high-rise building areas" by Xichao Gao et al., Hydrol. Earth Syst. Sci. Discuss.,
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Dear Professor Eunsae Cho,

Thank you for your review. I am the first author of this manuscript. I have read your paper which was published in "Journal of hydrology", and you did a great job. But our manuscript was finished in the summer of 2020 and firstly submitted to "Water Resources research", when your work had not yet been published. Besides, our work has different focuses. For example, our work obtains the relationship between rainfall inclination and wind speed through CFD methods while your work obtains the rainfall intensity on building walls directly through an empirical equation; Our work focuses on the process of runoff generation and the impact of the permeability of different flow-producing surfaces while your work focuses on the runoff convergence and changes of flow path. And I will cite your paper as background support in the revised version. Thank you again.

Best Regards,

Xichao Gao