

Hydrol. Earth Syst. Sci. Discuss., referee comment RC2  
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## **Comment on hess-2021-482**

Anonymous Referee #2

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Referee comment on "Hydrological modeling using the Soil and Water Assessment Tool in urban and peri-urban environments: the case of Kifisos experimental subbasin (Athens, Greece)" by Evgenia Koltsida et al., Hydrol. Earth Syst. Sci. Discuss.,  
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Line 26: "Experimental catchments "What this means? It is not clear what you are trying to say. Rephrase the sentences. Line 28: They are? Who are they? there is two time the a sentece startint with they but it is not clear who or what they are.

Line 47-49: Which are these models? Why did you choose SWAT?

Line 72: Are you used SWAT+?

Line 72: The aim and innovation of the work need to be better discussed both in introduction and discussion. There are plenty of work which evaluate model performances with different data resolution (soil, morphology and climate) Here some examples which can be useful in discuss the main innovation: How you work give new insight inthe research? I cannot see any novelty or secondary elaboration from the canonical SWAT application such as a susceptibility map or future prediction. I suggest to the authors to focus more on this points

<https://doi.org/10.5194/hess-24-3603-2020>

<https://doi.org/10.1016/j.jenvman.2020.110625>

<https://doi.org/10.5194/hessd-7-4411-2010>