

Hydrol. Earth Syst. Sci. Discuss., community comment CC1
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Comment on hess-2021-36

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Community comment on "Technical Note: Low cost stage-camera system for continuous waterlevel monitoring in ephemeral streams" by Simone Noto et al., Hydrol. Earth Syst. Sci. Discuss., <https://doi.org/10.5194/hess-2021-36-CC1>, 2021

Just want to post a note on your really nice work. We have been working on this problem for about a decade now and your innovation of using a pole and an "in the water--out of the water" approach to measuring water in the settings described in your paper is very nice and novel in our experience. This is significantly different from using a calibration target (our method) or with a staff gauge. Its power is the ability to install something really simple in a stream and still get measurements that are accurate enough to be of interest with fairly simple image processing algorithms and calibration techniques. The balance between simplicity and ease of use vs. precision of measurement is a difficult one. I am looking forward to following your work.