

Interactive comment on “Proof of concept: temperature sensing waders for environmental sciences” by R. Hut et al.

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The manuscript is interesting, well written, and easy to read.

The topic is in line with the Journal aim and with the recent awareness of the scientific community on how is pivotal research on new observation techniques (i.e. MOXXI-IAHS working group: <http://iahs.info/Commissions–W-Groups/Working-Groups/MOXXI.do>)

So, I am glad to suggest to publish the manuscript. I have just few comments listed below.

1) The reader could think that the proposed apparatus can not be widely used since he could not be aware on how many fisherman usually fish inside the small rivers. So,

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maybe a short comment on the potential diffusion of the approach could be useful.

2)page 433 line 23 "The calibration results are shown in Fig. 3. Figure 3 contains all the data, from the measurements with, and without, body heat."

this repetition (Fig. 3. Figure 3) can be avoided.

3) page 434 line 10: "Figure 4 shows the results of the experiment in the flume. Measured data is in black, curves fitted to the measurement are in red. The fitted time constant τ is shown in each graph, both for the heating in the 40 L bucket as for the cooling in the flume."

few more details on the experiment procedure could be provided, since it is not clear if you deploy hot water in the flume or you put the wader before in the bucket and then in the flume.

Interactive comment on Geosci. Instrum. Method. Data Syst. Discuss., 5, 427, 2015.