

## ***Interactive comment on “Use of laser-scan technology to analyse topography and flow in a weir pool” by P. E. Dresel et al.***

### **Anonymous Referee #1**

Received and published: 29 April 2012

Page 3724, beginning line 6: This paragraph discussed the overall study and the 3 paired catchments. In the last sentence of the paragraph it refers to “the pair considered here.” This is somewhat confusing given that only one site was included in this study. Please clarify.

Figures 3 and 4 need north arrows. The text refers to the eastern side of the weir-pool but the figures don’t provide information needed for orientation.

Fig 4. Do the “-0.168” and “0.032” refer to the elevations of the bottom and top of the weir? Suggest rewording that information. Is the blue water on Fig. 4 at the datum of the blue in the terrain model? The use of the blue for water and for terrain on Fig. 4 leads to some confusion.

Fig 5. Remove caption on top

Fig. 5. Suggest that the caption and legend make it clear that this is laser-derived data with a fit line.

Fig. 6 Use a discontinuous plot for rainfall data

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Interactive comment on Hydrol. Earth Syst. Sci. Discuss., 9, 3721, 2012.

**HESD**

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