

## ***Interactive comment on “On the uncertainty of stream networks derived from elevation data: the error propagation approach” by T. Hengl et al.***

**T. Hengl et al.**

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We are thankful to Dr. Yamazaki for reading the manuscript and comments received. Additional clarification and correction of the small typos have been added following his suggestions.

Considering the recommendation to better change the threshold for detecting streams from "minimum length" to "minimum drainage area", this is something which is in relevant for the design of the GIS algorithm and not the design of our analysis. Our approach to modeling streams is simplistic on purpose (we ignore soil material, vegetation and rock fragments in the area). Our intention was not to suggest ways to improve the stream extraction algorithm in SAGA GIS, but to inspire GIS developers to incorporate error propagation algorithms so that they become a standard part of a GIS

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toolbox. Besides, some of the true streams shown in Fig.6 are indeed located fairly near to the summits.

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Interactive comment on Hydrol. Earth Syst. Sci. Discuss., 7, 767, 2010.

**HESD**

7, C964–C965, 2010

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