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

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Received and published: 11 March 2010

This is an interesting paper dealing with an important issue. To our knowledge, the computation of maps indicating the probability that a given point belongs to a river network was first detailed in [Poggio and Soille, 2008] and relied as well on a probabilistic approach to analyse the influence of error propagation on river networks. This publication also reports similar experiments for divides and Strahler order computations.

Poggio, L. & Soille, P. Quality assessment of hydro-geomorphological features derived from Digital Terrain Models. EUR 23489 EN, European Commission, DG Joint Research Centre, 2008. URL: http://mdigest.jrc.ec.europa.eu/soille/poggio-soille2008eur.pdf [Follow-up journal papers by the same authors are currently under review]

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Discussion Paper

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

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