

Interactive comment on “Regional scale analysis of landform configuration with base-level maps” by C. H. Grohmann et al.

Anonymous Referee #3

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This short paper has for objective the "evaluation of the method's applicability (i.e. base level maps) in regional-scale analysis (e.g., 1:250 000 or smaller)" and uses a test area in Northern Brazil. The point of this method is simply to "filter" topographic maps in order to detect, if possible, features otherwise hidden by the complexity of the topography. I think that the papers style is clearly to communicate, attract attention towards, an already existing methodology made easier by recent GIS developments. Nothing more. The authors never intend to resolve the problem of how strain is recorded in drainage networks, nor do they intend to explain brazilian geology through their analysis. Overall the paper is well written and does a good job in calling attention to this method. Therefore I think the paper can be published almost as is, only after minor technical corrections of typos and answering to some of the precisions required by reviewers#1 and 2 with regard to the origin of maps or the scale of the DEM used and so on.

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Interactive comment on Hydrol. Earth Syst. Sci. Discuss., 8, 89, 2011.

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