

***Interactive comment on “Brief communication:
Comparing top-down and bottom-up paradigms
for global flood hazard mapping” by
Giuliano Di Baldassarre et al.***

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We thank Guy Schumann for this outstanding review. His constructive comments will help us improve the critical analysis of alternative paradigms for flood mapping.

We aim to substantially revise our brief communication, revised its main figure (see below), address all comments (see also response to Dottori's comments) and we totally agree with the Referees' main points:

1) Indeed, our brief communication is lacking a description of the potentials and limitations of hydrological vs. hydrogeomorphic methods to make probabilistic flood maps.

C1

This aspect will be included in the revised manuscript.

2) We will extend the part related to EO of floods. We recognize that the original manuscript did not fully recognize its long history. We will add text and references (within the limits allowed for a brief communication) to cover this additional dimension.

Interactive comment on Nat. Hazards Earth Syst. Sci. Discuss., <https://doi.org/10.5194/nhess-2019-418>, 2020.

C2

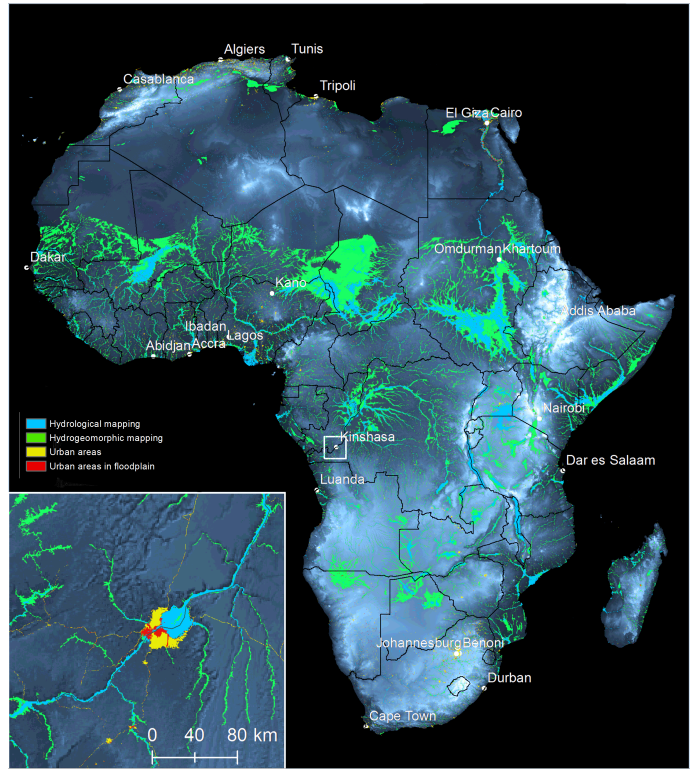


Fig. 1.