



Interactive comment on “Socio-hydrology: conceptualising human-flood interactions” by G. Di Baldassarre et al.

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We would like to thankfully acknowledge Referee #3 for her/his positive comments about our scientific work and for providing valuable comments that will contribute to improve our paper. This document reports our response to all comments.

1) The Referee is right. The parameter λ_E in Eqn 4(a) could be linked to the technological level and economic development supposed to increase with the technological progress. This can indeed influence the dynamics of floodplains. For instance, a society that is dealing with floods by settling far away from the river may start to build levees and settle closer once that the technology becomes affordable. Actually, this is what happens in the moderate-cost scenario (blue line in Fig. 3 and 4). This link

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between technological progress and economic development will be better discussed in the revised paper.

2) We thank the Reviewer for providing reference to the outstanding work of Lin et al. (2013). Indeed, exploring the changes in the evolution pattern induced by altered parameters would be an interesting future work. This will be mentioned in the revised manuscript.

3) We will double check them and (if needed) amend these technical issues.

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