

Interactive comment on “Floods and climate: emerging perspectives for flood risk assessment and management” by B. Merz et al.

Anonymous Referee #3

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Review of nhess-2012-479 Title: Floods and climate: emerging perspectives for flood risk assessment and management By Merz et al.

Evaluation

This work provides an integrative review of recent representative literature on flood risk and climate. The novelty of the approach is that by reviewing representative literature in an organised way, new frameworks and perspectives on this topic are generated. I like the organization which has been adopted by the authors to examine the available and representative literature. Consequently, I am definitely supportive of the publication of this paper in NHESS. I have only a small suggestion, which the Authors may decide to consider or not to consider. The section 3.3 “Flood risk management”, where

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the link between vulnerability and hazard is examined, could be better organized in order to place the discussion in the broad perspective of climate and social changes. Research in the last decade has shown that vulnerability to flood hazards (as well as to other natural hazards) is a product of specific spatial, socio-economic-demographic, cultural and institutional context (Kuhliche et al., 2011). One of the consequences is that the link between risk perception, risk awareness and preparedness is not at all straightforward. This expands the discussion reported at P1583, L8-15.

References: Kuhliche, C., Scolobig, A., Tapsell, S., Steinführer, A., de Marchi, B., 2011: Contextualizing social vulnerability: Findings from case studies across Europe . Natural Hazards, 58 (2), 789-810.

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