

Interactive comment on “Flood fatality hazard and flood damage hazard: combining multiple hazard characteristics into meaningful maps for spatial planning” by K. M. de Bruijn et al.

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We thank the referee for the judgment that the flood fatality hazard map and the flood damage hazard map are interesting approaches.

As for the suggestion to further develop these maps into risk maps, we can mention that this has been done in various occasions already by combining the hazard maps with information on the current land use, objects and inhabitants in the area. The calculation and mapping of risk is usually based on the same data and knowledge about floods we now applied, but then for the current land use.

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In this paper we, however, aimed to discuss the production of hazard maps, which serve another purpose than risk maps. Risk maps are useful to support discussions on required flood protection levels and flood mitigation given the present land use. Hazard maps, in contrast, are aimed to support spatial planning, i.e. to prevent that risk increases into the future as a consequence of improvident development.

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