

Interactive comment on “Flood risk assessment: concepts, modelling, applications” by G. Tsakiris

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General comments: 1. Indeed both the EU directive and the new innovative paradigm presented in the paper constitute practical solutions applicable to flood-prone areas. 2. The comment is welcomed. 3. By applying both methodologies probably the optimal solution will be achieved. However, the cost of flood analysis will be high if it is employed in many flood-prone areas of each country. On the contrary, in practice more simplistic methods are used. 4. The “public discussion” surely will give the opportunity to the authors to resubmit an “improved version” of the paper.

Specific comments: 1. D is the anticipated annualised damage in monetary units $fD(x)$ is the pdf. 2. Yes, water velocities appear in the second figure in the set of Fig. 6. 3. The comment is fair. Some explanation will be inserted in the text for Figs 3 and 4.

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Technical corrections: The comments will be considered for corrections.

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