



Interactive
Comment

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

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I thank the Anonymous Referee for his valuable comments. For the General comments: I would like to clarify that the paper is an Overview Paper and therefore presents a critical review on the EU directive processes for flood hazard and flood risk evaluation in the riverine flood prone areas. However, in the paper several critical points are highlighted and some innovative improvements are proposed in the procedures, described in the Flood Directive. For the Specific Comments: Based on the above reasoning, examples from studied cases were presented mainly for demonstration purposes. It is not the objective of the paper to study in depth all the situations presented. The interested readers can find details in the cited references. The same applies to the 2D simulation model employed to estimated water depth and velocities. The model is presented in detail in the recently published paper in Water Resources Management journal: "A nu-

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merical model for two-dimensional flood routing in complex terrains" (Tsakiris & Bellos, 2014 - doi: 10.1007/s11269-014-0540-3). Technical corrections: The comment is fair. An attempt to improve the quality of figures and maps will be made in the final version of the paper.

Interactive comment on Nat. Hazards Earth Syst. Sci. Discuss., 2, 261, 2014.

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2, C80–C81, 2014

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