

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

Anonymous Referee #2

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General comments: The overall quality of the paper is rather satisfactory, while describing an already existing procedure for the evaluation of flood hazard and flood risk in the riverine flood prone areas. The paper clearly describes many aspects of a widely studied subject, listing and shortly analyzing some relevant critical issues.

Specific comments: The proposed paradigm estimates the flood hazard referring to a hypothetical condition of an area totally unprotected from floods: this situation, besides difficult to define, is admittedly not very significant within a procedure for the overall vulnerability assessment of a site. The 2D simulation model employed to estimate water depths and velocities is only shortly recalled, and the shown results are related to zones whose characteristics are not described at all.

Technical corrections: The quality of the figures and maps should be improved to make them more readable.

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