

Interactive comment on “Identifying urban areas prone to flash floods using GIS – preliminary results” by Marzena Wicht and Katarzyna Osinska-Skotak

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Dear Reviewers, Dear Editor,

I would like to take this opportunity, and thank once again for all the comments and suggestions you made on our manuscript. We appreciate them greatly and we will work on implementing them in the revised version of the manuscript. Since we submitted the manuscript for the discussion, we have worked constantly to improve its quality by overcoming the limitations we mentioned in it.

Consequently, we were able to acquire more input data, which leads to better results. We obtained i.e. LiDAR data for our case study area, as well as almost 10 years

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precipitation data from 6 metrological stations in Warsaw. These two directly affect the results and we plan to utilize and discuss them in our revised manuscript. Taking all your comments into consideration, we plan to:

- restructure and clarify our presentation,
- focus on the strong points of the methodology by reinforcing purpose, objectives and methods used,
- include discussion of the INSPIRE – compliant data sets as possible input data,
- strengthen the ‘open source’ part of the study,
- discuss in much greater detail the results, their spatial variability and explain the classification,
- revise the language (style, word choice and punctuation) with academic American native speaker.

However, I would like to stress once again, that the focus of this study was to utilize already available GIS tools in the hydrological field (contrary to hydrological models) with much simplified approach, where the lack of the advanced hydraulics analysis is not an obstacle to perform the analysis. Furthermore, the title states ‘preliminary results’ which obviously suggests our tireless work on achieving better results in our future studies. I know that your reviews have contributed greatly to improve the quality of this work, and if given the chance, we would like to present their outcome in the revised version of the manuscript.

On behalf of my co-author and myself,

Marzena Wicht

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