First of all I would like the reviewers for their valuable reviews. Based on their remarks, I suggest that the authors improve their document, definitely taking into account:

- a better description of the methodologies
- information on the temporal changes in flood extent (by e.g. including hydrographs and demonstrating when data acquisitions took place)
- a discussion on the limitation of their methodology
Next to the suggested adjustments to the document (see answers to reviewer 2 and Guy Schumann), the authors should definitely also pay attention to the remarks made by reviewer 1. As the comments made by the reviewers ask for rewriting several parts of the manuscript, I recommend that this paper may be published after major revisions.

Interactive comment on Hydrol. Earth Syst. Sci. Discuss., 5, 2951, 2008.