

The authors have taken into account the criticisms and suggestions of both referees and the editor that resulted in significant improvement of the manuscript. In principle, it is suitable for publication, subject to a number of minor modifications.

1. Introduction has to be shortened. The authors give a detailed overview of some issues, which are related to the paper's subject, but indirectly. For instance, studies dealt with the problem of sub-grid topography, buildings and other constructions and their influence on flow pathway are overviewed in detail (lines 61-100), but the problem is not clearly described in the paper. Also, the issues related to the computational technology are not central to the paper but they occupy a lot of space in the introduction (lines 114-131). Thus, I suggest either shortening this section or clearly designating place of the listed problems in the paper.
2. As I could understand, neither flat-water model nor 1D hydraulic model is used in the study. Consequently, I suggest removing Overview sub-section from Methodology section.
3. The overall presentation quality should be improved (particularly, quality of figures 10-12, reference style, Fig. 11 parts 1-4 are not explained in the caption, etc.) Check the HESS guidelines of manuscript style and follow them closely
4. Check the English language carefully.

Alexander Gelfan
Handling Editor

Principal Criteria	Excellent (1)	Good (2)	Fair (3)	Poor (4)
Scientific Significance: Does the manuscript represent a substantial contribution to scientific progress within the scope of <i>Hydrology and Earth System Sciences</i> (substantial new concepts, ideas, methods, or data)?		+		
Scientific Quality: Are the scientific approach and applied methods valid? Are the results discussed in an appropriate and balanced way (consideration of related work, including appropriate references)?		+		
Presentation Quality: Are the scientific results and conclusions presented in a clear, concise, and well-structured way (number and quality of figures/tables, appropriate use of English language)?			+	