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Discussions

Interactive comment on "What's streamflow got to do with it? A probabilistic simulation of the competing oceanographic and fluvial processes driving extreme along-river water levels" by Katherine A. Serafin et al.

Anonymous Referee #2

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The paper overall presents a good contribution, however, it needs some work Some concepts are not clear, and the reader is left 'guessing' about their meaning. for example, in the introduction, a reader is not aware of what 'bivariate or multivariate processes' are, thus they can't understand the challenge in trying to identify them or study them. My major concerns are related to the method section, that currently needs much improvement. In its present state, it is much too long in some parts, and not enough clear on the overall framework, which is the added value of this work. There is far too much description of known elements, such as HEC-Ras, for example, and not enough

clarity on the proposed approach. Also, it is not too clear if chapter 4 is a method or a discussion of results. As a consequence, it is very hard to understand the discussion of the results.