

Interactive comment on “Evaluating primary productivity, ripple effect and resilience of fluvial ecosystems: a new approach to assessing environmental flow requirement” by Yui Shinozaki and Naoki Shirakawa

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We wish to express our appreciation for your constructive comments and advices on our paper. In our paper, we outlined a new idea to set EFR criteria according to primary productivity, ripple effect and resilience. Therefore we applied single set of parameters for demonstrate results for the present phase of work. We agree that the model further needs to be tested and compared with recent ecohydrological studies in order to make the model applicable to global assessment. The authors are now working on parameters' verification referring empirical studies at each climatic regions of the world, and

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these results should be reflected to the improved version of our model. We appreciate your providing information on related literatures. We will carefully review these studies and take into account the ideas and achievement of latest global ecohydrological studies.

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