I have read through the revised manuscript and found that many of my concerns are well-addressed. I leave some additional comments regarding the organization of the manuscript and the influences of discharge and lithology on the evolution of the channel morphology.

I understand that the current study is built upon Cook et al. (2014) and agree that revisiting the results of Cook et al. (2014) helps understand the evolution of the channel morphology. Yet, I think the current descriptions regarding Daan River includes both results and interpretation and suggest reorganizing the corresponding sections. Or, maybe you can introduce Cook et al. (2014) in Study area to avoid the mixing of results and discussion.

Regarding your reply to the comment from reviewer 1 (the fourth one), I have found the argument on the effects of lithology convincing and interesting. I believe you can further strengthen the current manuscript by adding the same argument about the lithology.

Line by line comments:
Line 199: I suggest citing Table 1 to show the consistency between the modeled and observed knickpoint retreat speed.
Line 335: The sentence lacks a verb and looks incomplete.
Line 339: Suggest changing continuously to continuous and increasing to increase.
Line 341-342: I could not understand what you meant by these two sentences. Since these sentences are the reply to the comment from reviewer1, I suppose you meant discharge variability does not affect the observed evolution of channel morphology. However, because discharge clearly dictates the knickpoint retreat speed when looking at the individual rivers, I wonder why the rates of knickpoint retreat are so different between the Dajia and Daan rivers. I do not think you need to find a clear answer to this question, but it is worth adding some sentences or a paragraph to the discussion.

Fig. 5: Maybe you should write that you used DSMs generated from aerial photos in the body text, not just in the figure caption.
Fig.12: What do background thin-colored lines represent?
Fig. 13: Is the Y-axis label “Accumulated flow”? Also, since there is no knickpoint in Zhuoshui river, I wonder why Zhuoshui river is included.