

Supporting Information for

Mega dam-induced riverbed erosion substantially lowers the water surface elevation of the Changjiang River during the dry season

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Fig. S1 to S4

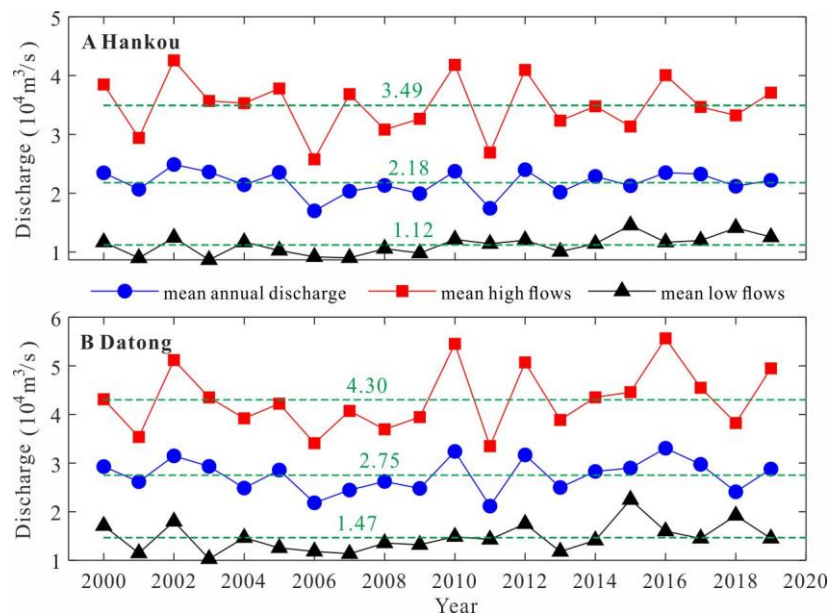


Fig. S1 Mean annual discharge, mean high flows and mean low flows for the daily discharges during the period 2000-2019 at A) Hankou station and B) Datong station. High flows refer to the flood season period (June to August) while low flows refer to the dry season (December to February of the next year).

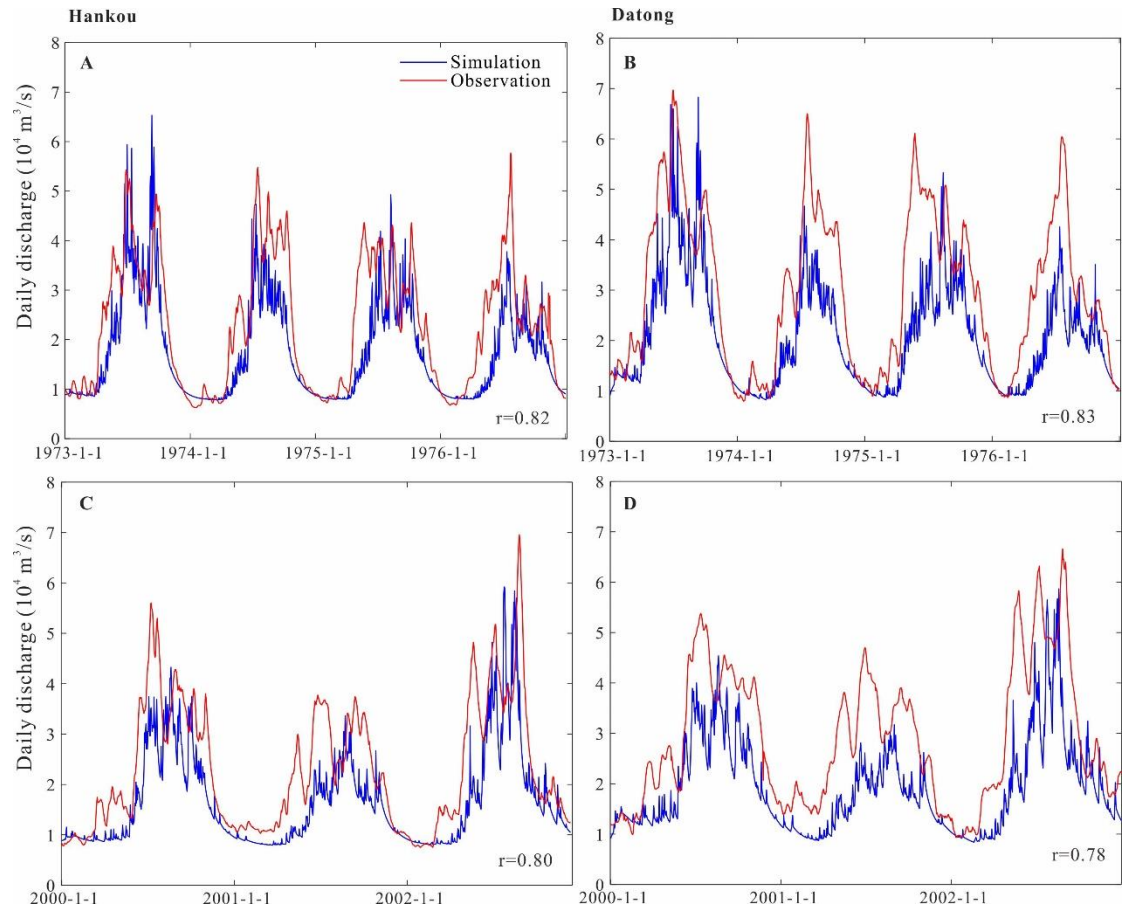


Fig. S2 Observed and simulated daily discharge along the middle-lower Changjiang River basin for the calibration years 1973-1976 inclusive and the validation years 2000-2002 inclusive. Simulations were performed using the GR5J model, with the corresponding correlation coefficient values indicating the strength of fit to the observed data.

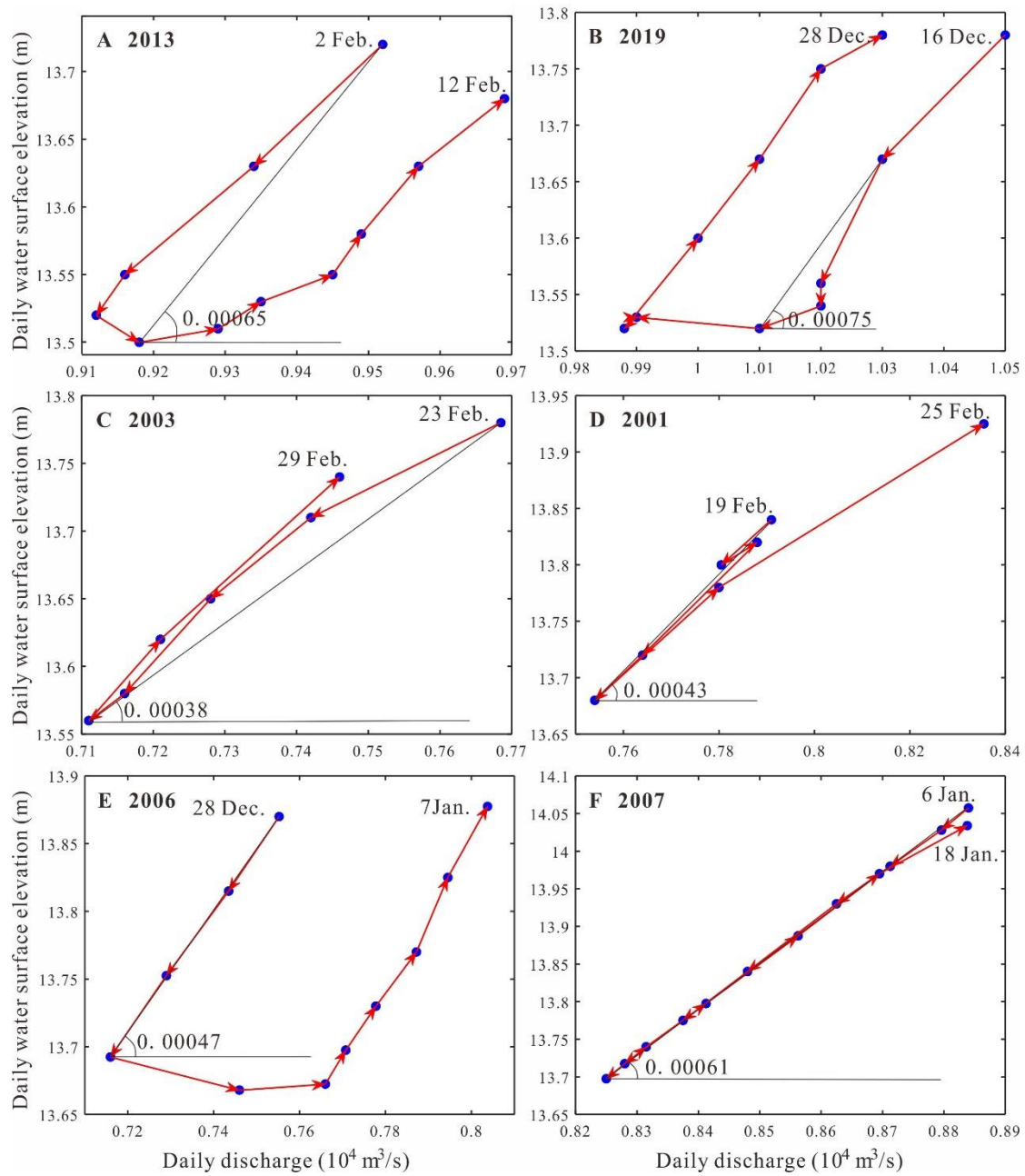


Fig. S3 Hydrological process of the six lowest water level episodes during the period 2000-2019 at Hankou station, with the black line showing the slope during the falling stage.

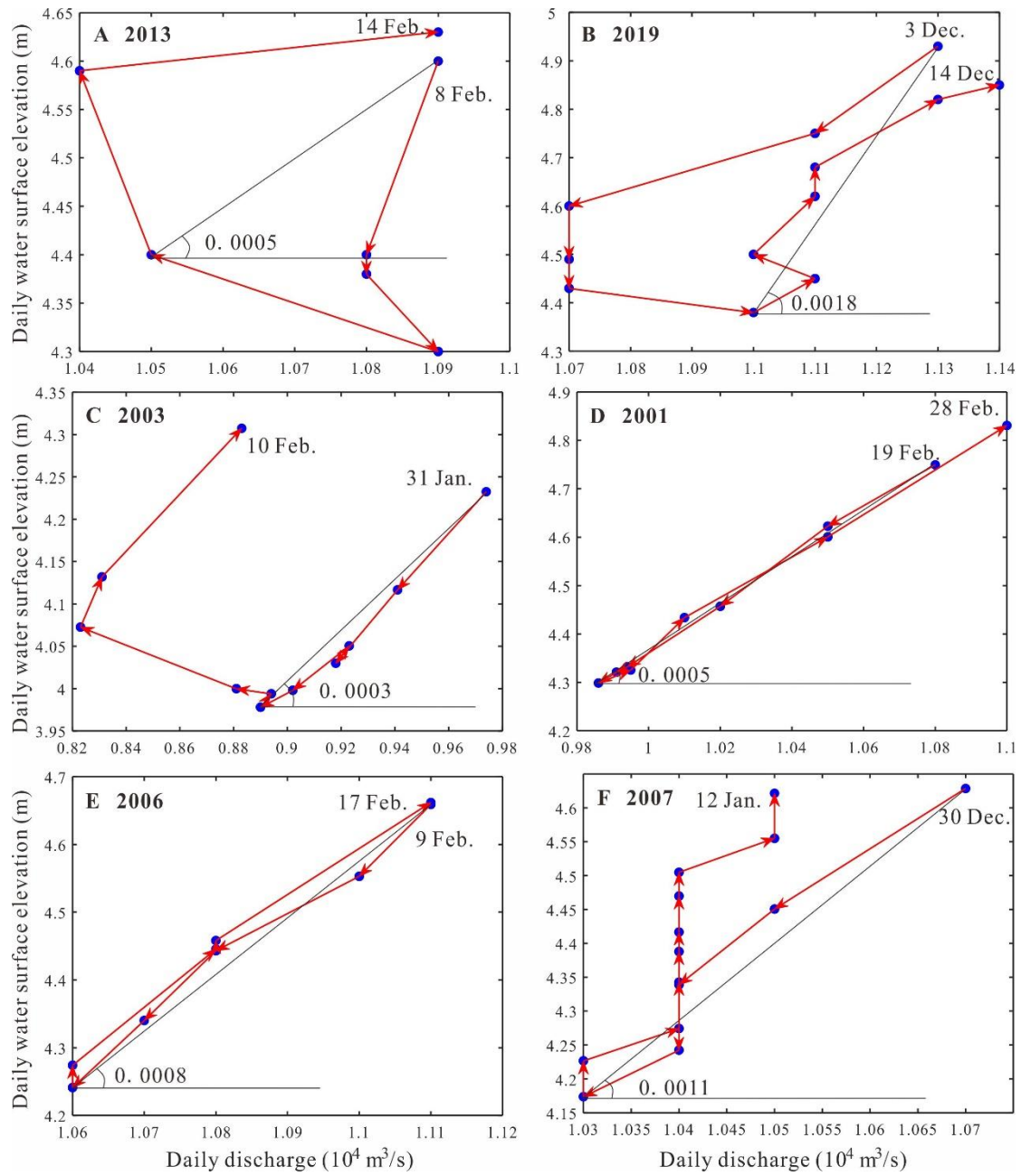


Fig. S4 Hydrological process of the six lowest water level episodes during the period 2000-2019 at Datong station, with the black line showing the slope during the falling stage.