

**Figure S1.** The distribution of the perennial average precipitation in the Yongding River Basin (<a href="www.resdc.cn">www.resdc.cn</a>).

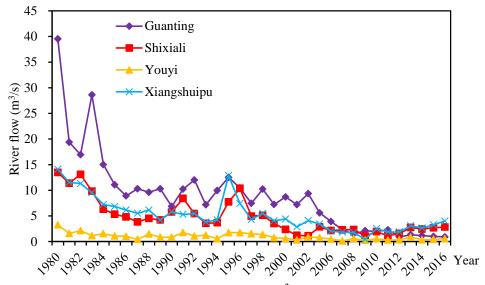
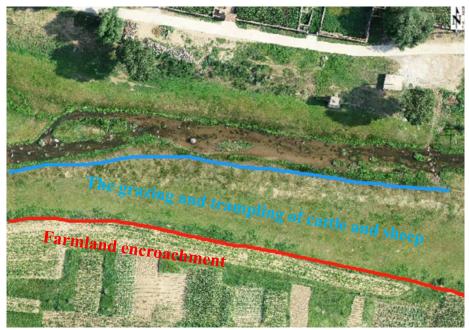


Figure S2. Long-term trends of river flow (m<sup>3</sup>/s) in the Yongding River Basin.

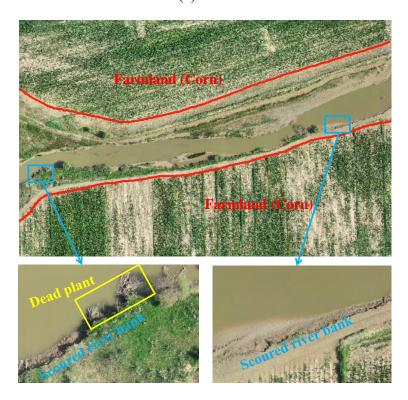


(a) DYR

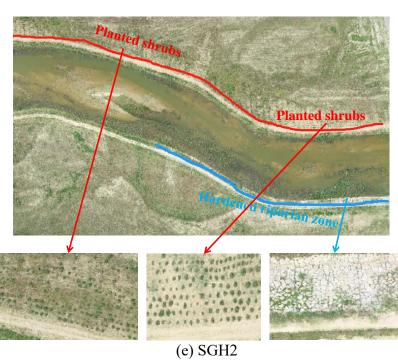


(b) YR1





(d) SGR1





(f) SGH3



(g) YDR1



(h) YDR2

Figure S3. The disturbances associated with human activities in the riparian zone in the eight selected reaches in the Yongding River Basin.