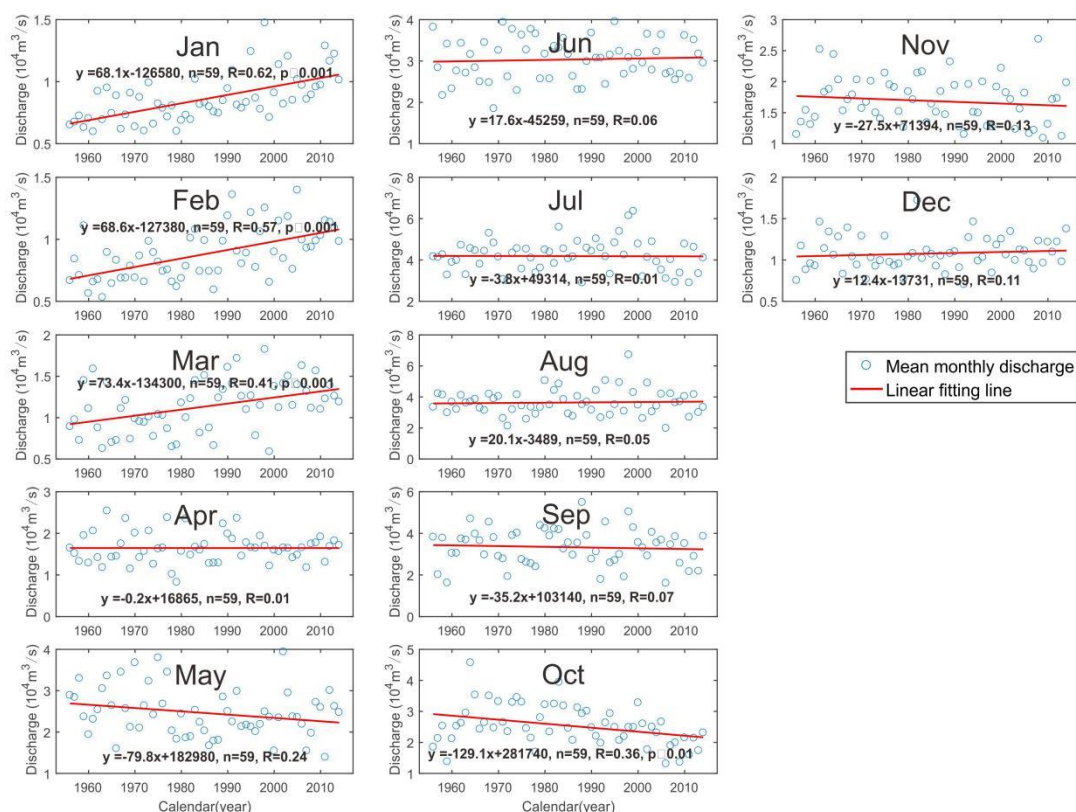
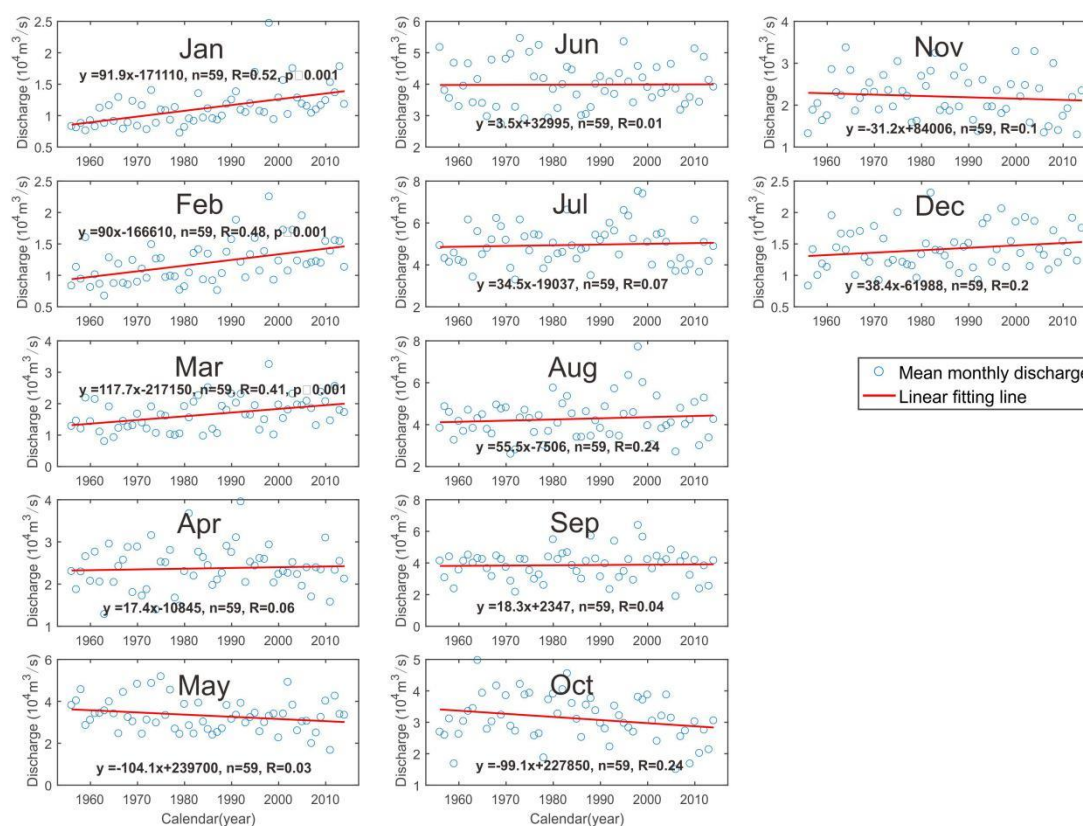


**Figure S1.** Monthly distribution of the discharge at Yichang station in each month from 1956 to 2014. The red solid lines are the fitted results of linear regression.



**Figure S2.** Monthly distribution of the discharge at Hankou station in each month from 1956 to 2014. The red solid lines are the fitted results of linear regression.



**Figure S3.** Monthly distribution of the discharge at Datong station in each month from 1956 to 2014. The red solid lines are the fitted results of linear regression.