

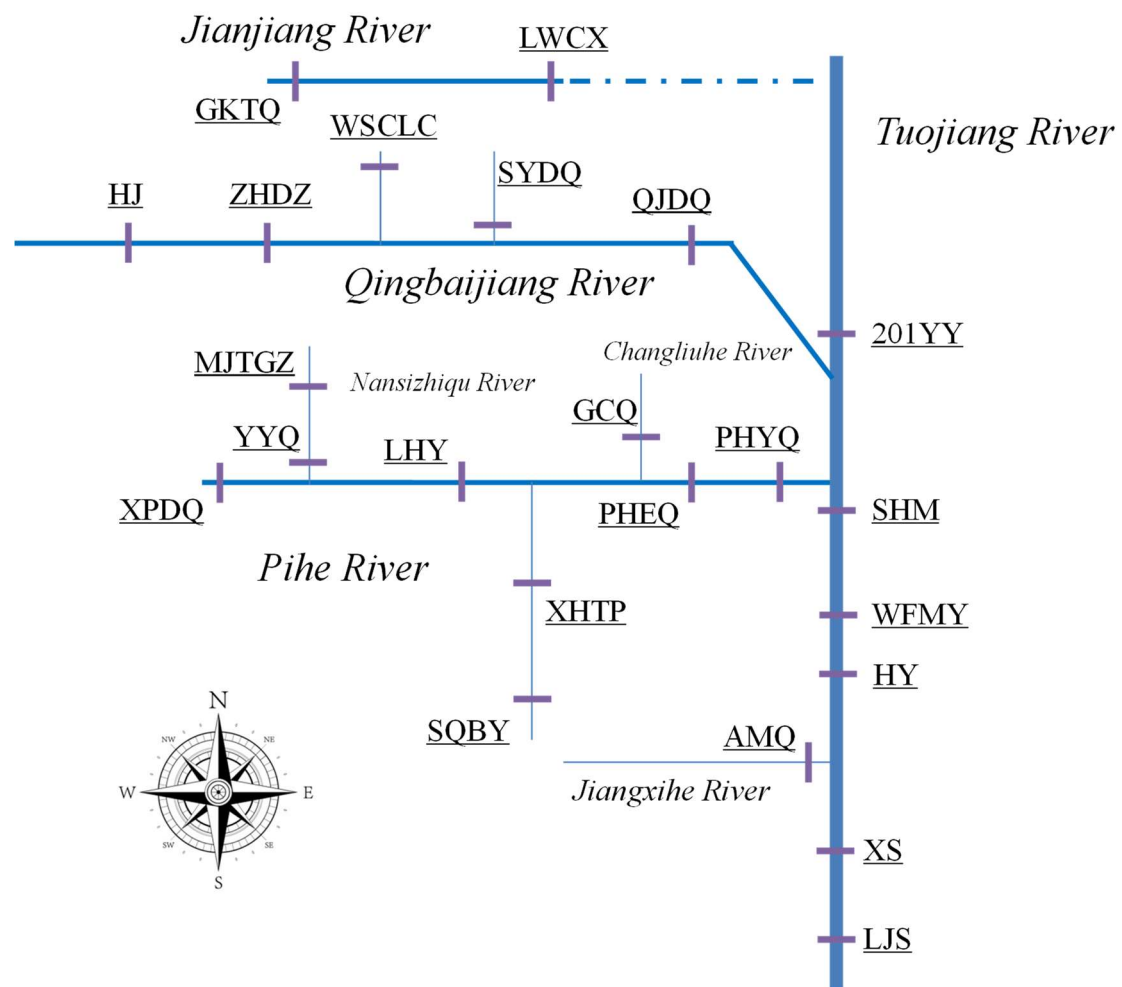
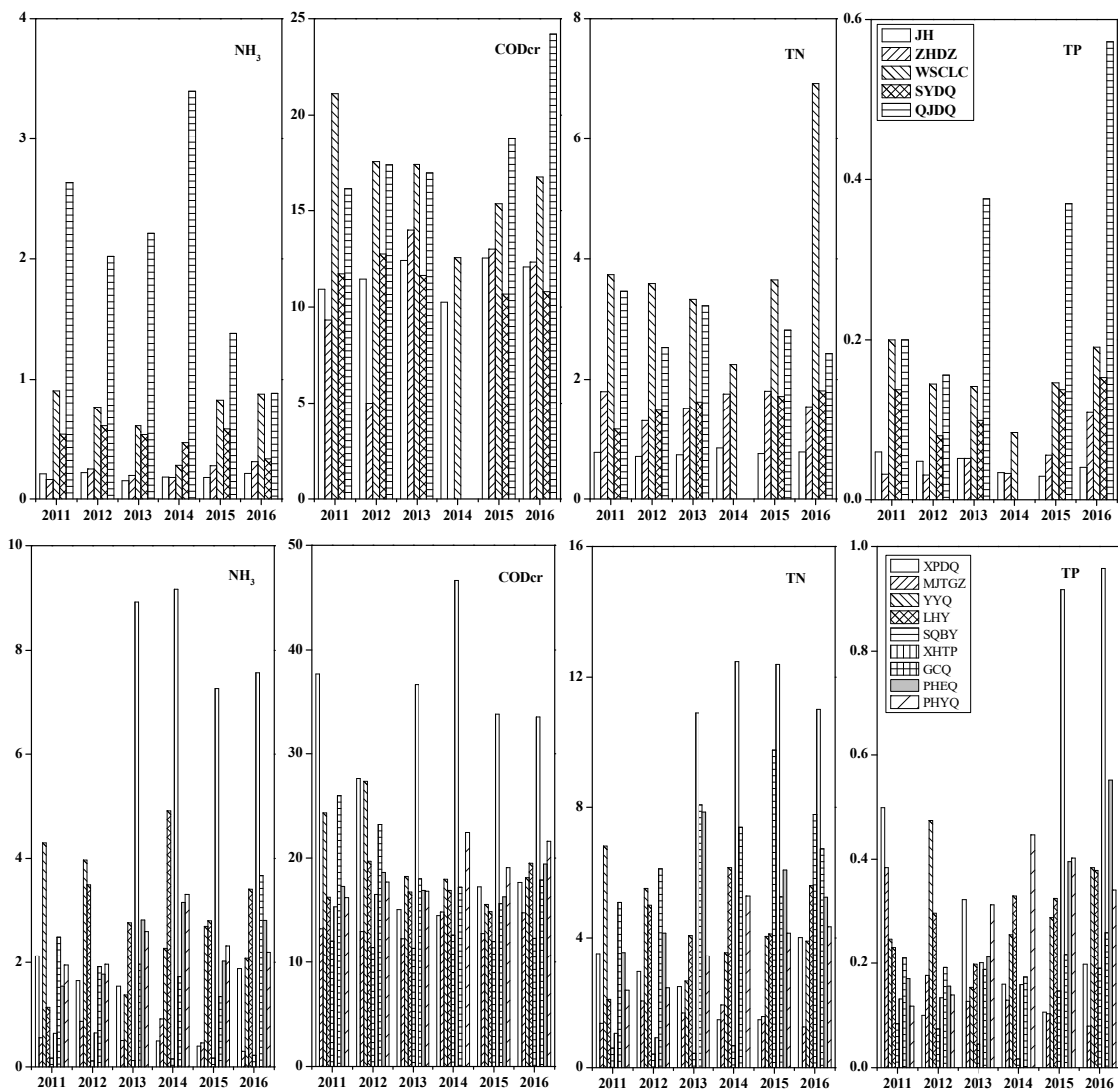


Figure S1. The concept map of the river system and the monitoring stations.



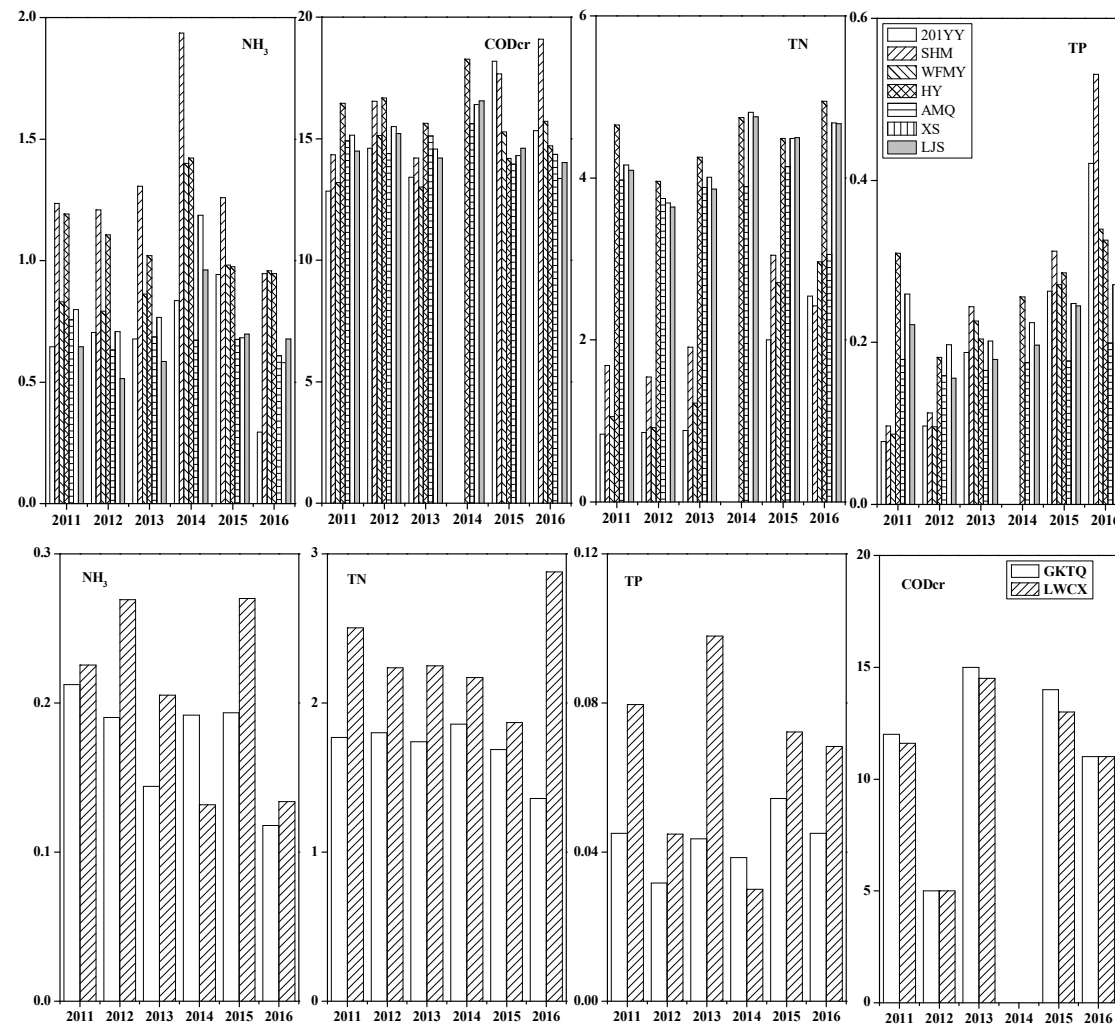


Figure S2. The NH_4^+ , TN, TP and CODcr temporal spatial variation in monitoring station.

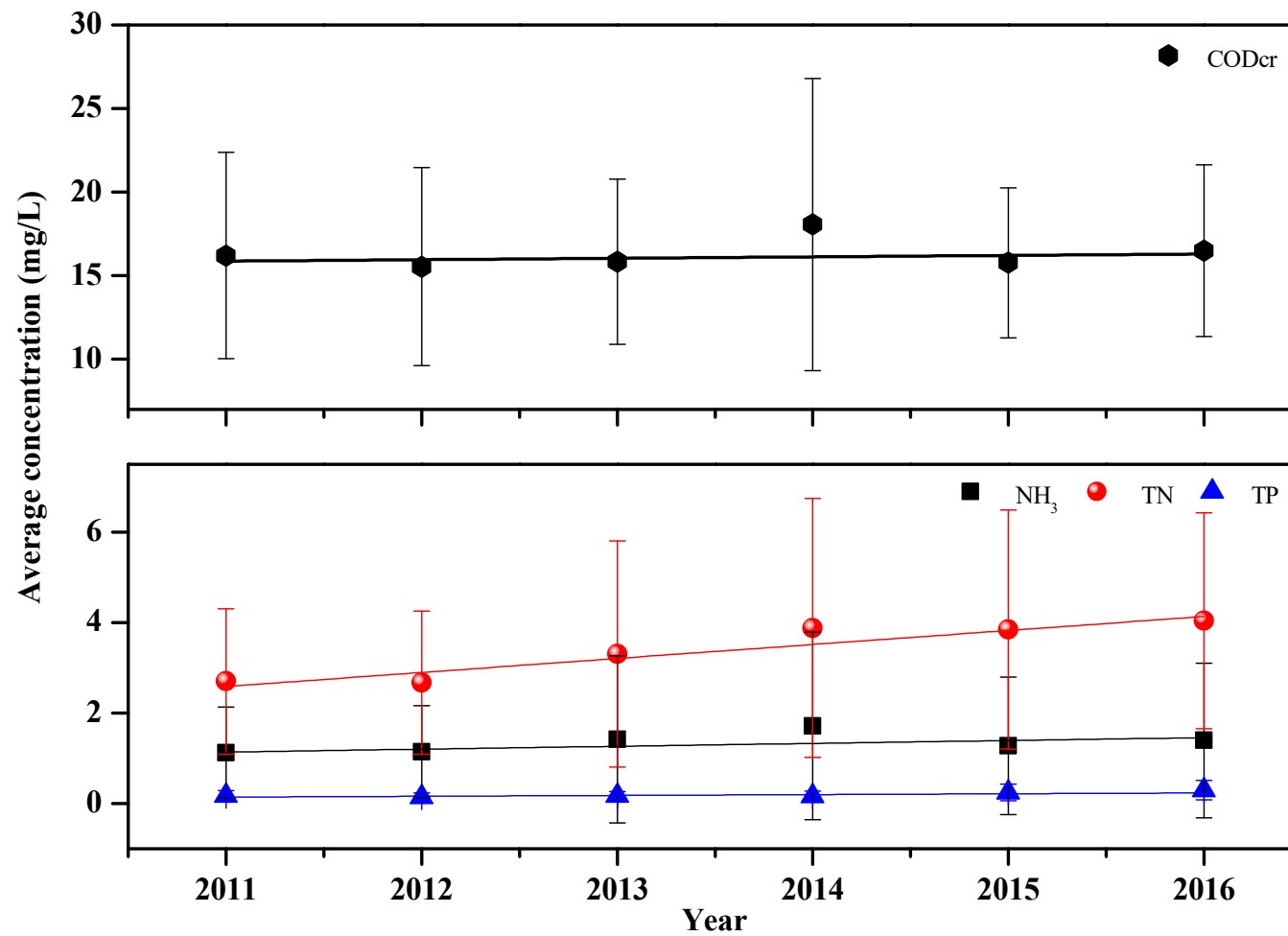


Figure S3. The NH₄⁺, TN, TP and COD_{Cr} temporal spatial variation in monitoring station.