

TABLE S1 | Calculated Moran's I spatial autocorrelation coefficients among geographic distance (GD) between sampling sites and environmental variables, including the significance level. Significant values of Bonferroni-corrected Moran's I are set in bold type. DO = Dissolved oxygen (mg.L^{-1}), EC = Electrical conductivity ($\mu\text{S.cm}^{-1}$), TE = Temperature ($^{\circ}\text{C}$), HP = Hydrogen potential, TR = Transparency (cm), DE = Depth (m), WI = Width (cm), WV = Water velocity (m.s^{-1}), AL = Altitude (m).

	High water									Low water								
	DO	EC	TE	HP	TR	DE	WI	WV	AL	DO	EC	TE	HP	TR	DE	WI	WV	AL
GD (km)	0.73	0.04	0.92	0.06	0.94	0.63	0.17	0.09	0.03	0.50	0.06	0.46	0.63	0.68	0.94	0.02	0.03	0.67



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