Exploration of phosphorus release characteristics in sediments from plains river network: vertical distribution and the response of phosphorus and microorganisms

	T（℃）	PH	DO（mg/L）	ORP（mv）
3	26.8	6.15	6.64	293.3
10	26.8	6.05	7.7	285.3
14	26.7	5.96	6.69	272.5
18	26.7	5.86	7.14	274.9
19	26.7	5.9	7.54	269.5
20	26.7	6.02	7.48	268.8

Table S1 Indicators of overlying water at six sampling sites.

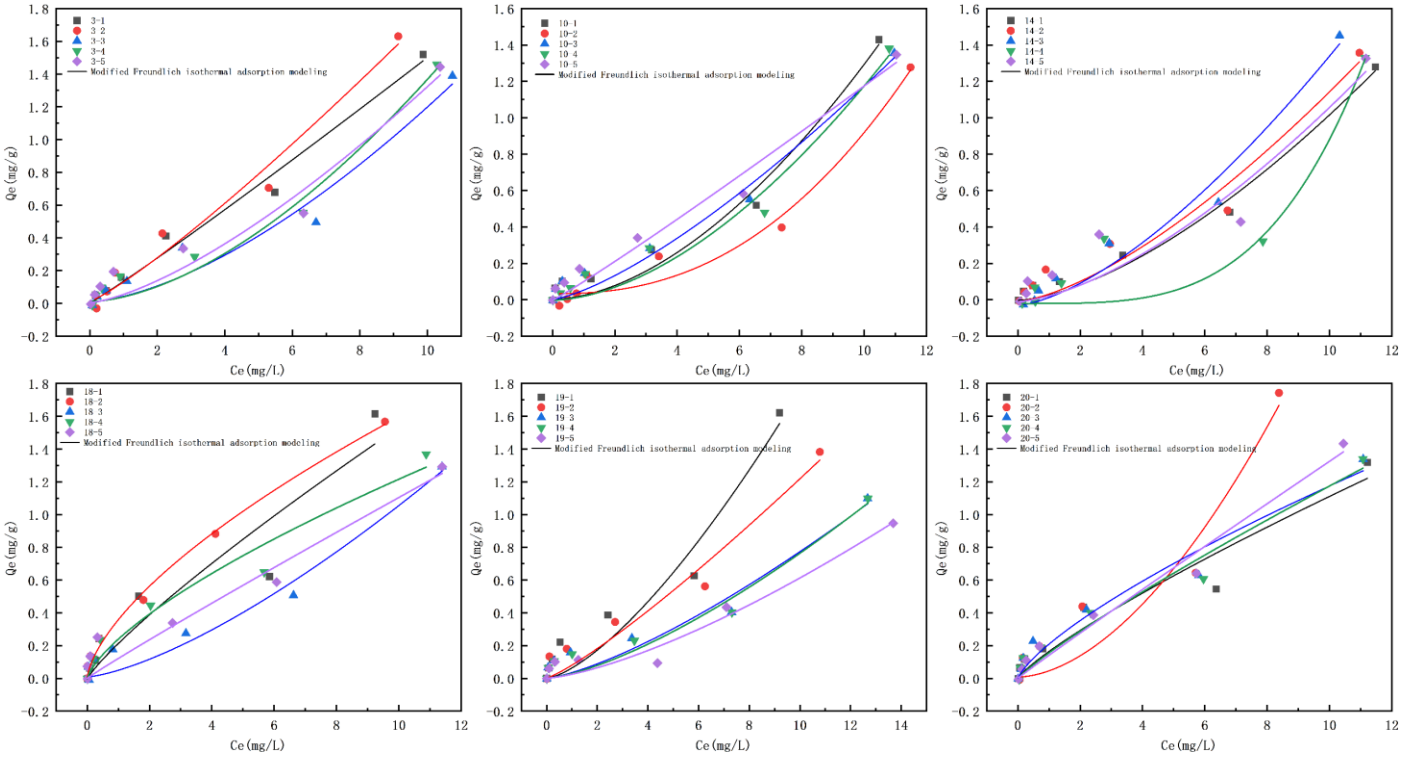


Figure S1 Freundlich isothermal adsorption fits at each site.

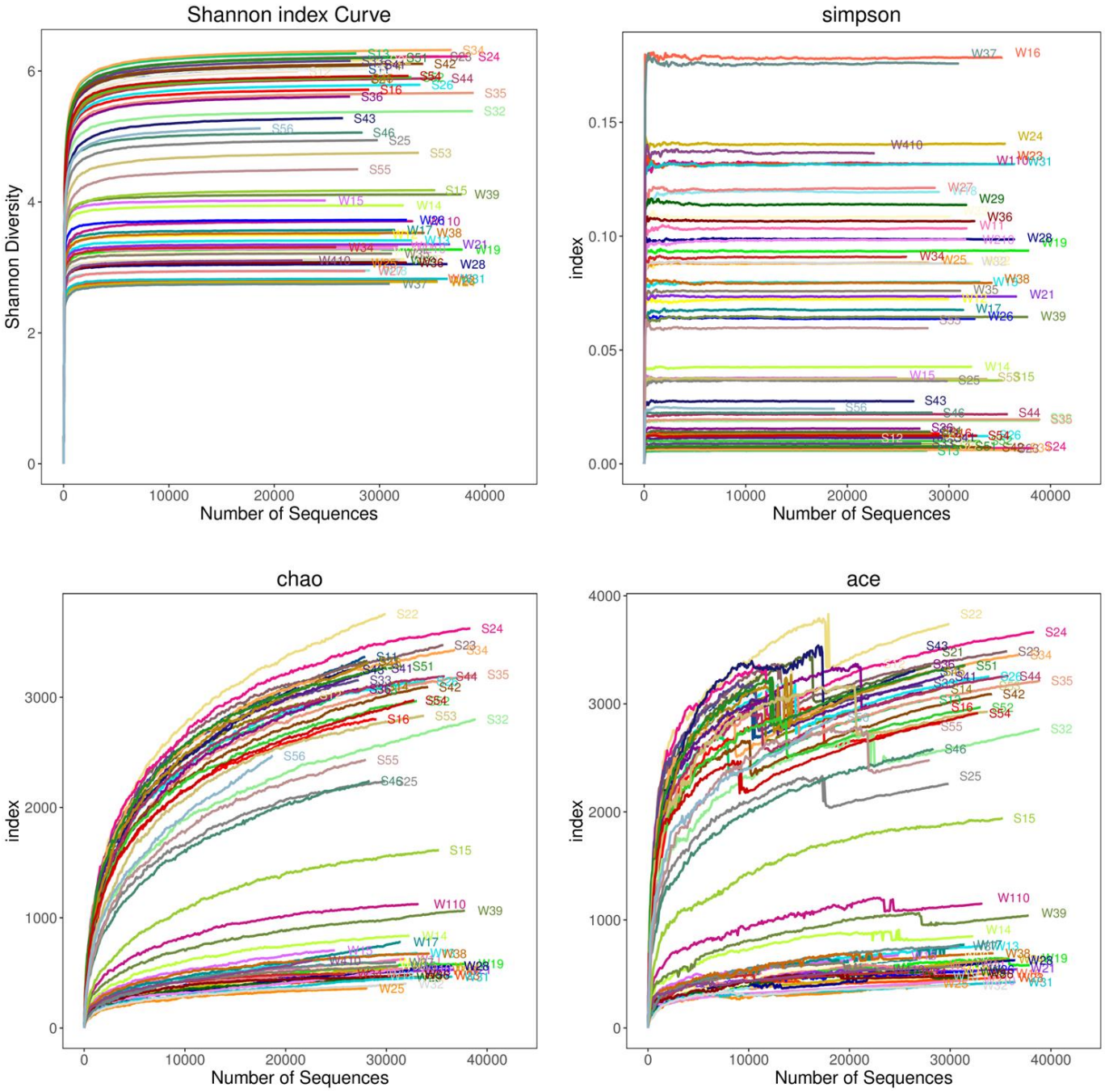


Figure S2 Alpha index at each point.