Table S1. Spearman rank order correlation matrix (values with significant *p*-values are given in *italic*).

Lake	NOI	PDO	Niño 3.4	Niño 4	Niño 1+2	Niño 3	ENSO	SOI	NAO	WHWP	TSA	TNA	EA/WR	WP	EP/NP	PNA	NP	TNI	AMM	QBO	CAR	ONI	AO	IDO
Iznik	-0.067	0.088	*0.295*	0.047	*0.256*	*0.389*	0.002	-0.010	-0.079	*0.123*	0.074	*0.166*	0.024	0.038	-0.081	0.043	*0.215*	0.088	0.036	-0.054	0.101	0.061	-0.50	*-0.129*
Uluab	0.010	0.222	*0.266*	-0.059	*0.680*	*0.564*	0.002	0.005	-0.028	*-0.142*	*0.242*	-0.026	0.000	0.003	*0.113*	-0.101	*-0.108*	*0.121*	*-0.144*	*0.126*	*0.254*	0.064	0.006	*0.132*