

S2 Table: p -values and R^2 for Linear Regression of Physical Parameters vs. NMDS1 by Site Type

	low _{TP}		mod _{TP}		high _{TP}	
	p -value of slope	R^2	p -value of slope	R^2	p -value of slope	R^2
Avg Annual Max Temp	0.01	0.1119	<0.0001	0.6268	<0.0001	0.8627
Avg Annual Range	0.442	0.0104	<0.0001	0.4389	<0.0001	0.9514
Avg Annual Days Above Bleaching Threshold	<0.0001	0.9514	0.04	0.9514	<0.0001	0.9435
Avg Annual Consecutive Days Above Bleaching Threshold	0.05	.06612	<0.0001	0.6664	<0.0001	0.8946
<i>Chl a</i>	0.6	0.0058	0.6	0.0046	0.0006	0.2878

Table S9: Summary of p - and R^2 values for physical parameters vs. NMDS1 by site type. Significant p -values are in bold.