

Contrasting responses of phytoplankton productivity between coastal and offshore surface waters in the Taiwan Strait and the South China Sea to future CO₂-induced acidification

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Table S1 Pearson Correlation coefficients between ocean acidification induced effects on primary productivity and in situ temperature, salinity, total alkalinity (TAIK), light intensity (PAR), mix layer NO_x supply (indicated by NO₃⁻ + NO₂⁻ concentration at bottom of mix layer), and chlorophyll a concentration. ‘*r*’ represents correlation coefficient and *p* (two tailed) represents the probability that a hypothesis test with a correlation coefficient of 0 is established. "*" represents significant difference (*p* < 0.05, Pearson correlation analysis).

		pH	Temperature	Salinity	TAIK	PAR	NO _x	Chl <i>a</i>
OA	<i>r</i>	0.379	0.028	-0.418	0.132	0.311	0.727	0.130
Effects	<i>p</i>	<0.001*	0.784	<0.001*	0.187	0.002*	0.002*	0.195