

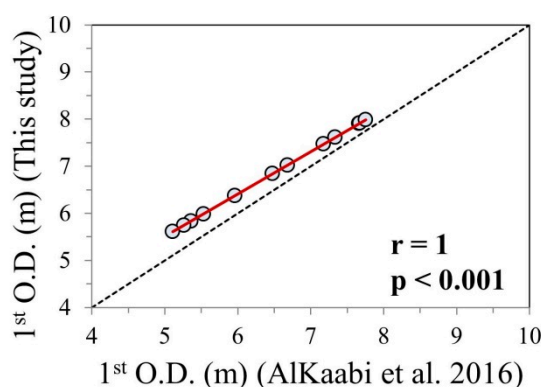
Article

# Evaluation of Satellite Retrievals of Chlorophyll-*a* in the Arabian Gulf

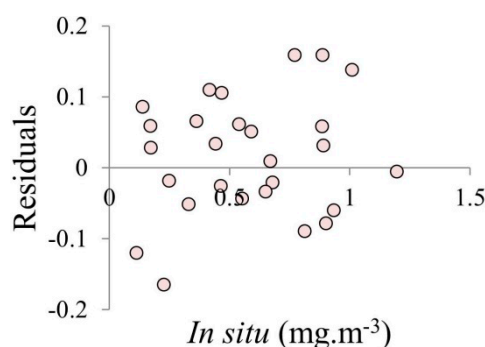
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**Table S1.** Descriptive statistics of top 10 m chlorophyll-*a* *in situ* measurements ( $\text{mg}\cdot\text{m}^{-3}$ ) in the EEZ of Qatar during six sampling cruises in 2015–2016.

Season	<i>In situ</i> Measurements of Chlorophyll- <i>a</i> ( $\text{mg}\cdot\text{m}^{-3}$ )			
	Minimum	Maximum	Average	Standard Deviation
April 2015	0.135	0.787	0.287	0.088
June 2015	0.085	1.202	0.227	0.137
November 2015	0.216	1.401	0.661	0.246
February 2016	0.096	2.455	0.551	0.410
April 2016	0.067	0.689	0.192	0.078
September 2016	0.069	1.801	0.365	0.251



**Figure S1.** Correlation between 1st optical depth in the Arabian Gulf derived from OC-CCI  $K_d$  data and Al Kaabi et al. (2016) algorithm.



**Figure S2.** Residual plot of *in situ* Chl-*a* and Chl-*a* from linear regression of Figure 6 showing that the linear regression model is adequate to capture the linear trend of the analyzed data (residuals evenly distributed vertically).