

Appendix

Abbreviations Used in Text

Abbreviation	Term
AC _F	Fluorescence estimate of total autotrophic carbon biomass, $\mu\text{g L}^{-1}$
ALF	Advanced Laser Fluorometry/Fluorometer
ALFA	Aquatic Laser Fluorescence Analyzer
CDOM	Chromophoric dissolved organic matter (substance)
Chl	Chlorophyll a (pigment)
C _{chl}	Chl a concentration, $\mu\text{g L}^{-1}$
ES	Elastic scattering
EW	Excitation wavelength, nm
F _{CDOM}	CDOM fluorescence
F _{chl}	Chlorophyll fluorescence
F _{PE}	Phycocerythrin fluorescence
F _v /F _m	Variable fluorescence
LED	Light emitting diodes
LSE	Laser-stimulated emission
N	Number of data points involved in the regression analysis
PAHs	Poly-aromatic hydrocarbons
PBP	Phycobiliprotein (pigments)
PE	Phycocerythrin (pigment)
R	Water Raman scattering
R ²	Coefficient of determination
S/N	Signal/noise (ratio)
SDC	Spectral deconvolution (method, technique)
SSS	Sea surface salinity, dimensionless
SST	Sea surface temperature, °C
SYN _F	Fluorescence estimate of <i>Synechococcus</i> -specific cyanobacterial carbon biomass, $\mu\text{g L}^{-1}$

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