



# Corrigendum: Reconstructing Global Chlorophyll-a Variations Using a Non-linear Statistical Approach

## OPEN ACCESS

### Edited and reviewed by:

Juliet Hermes,  
South African Environmental  
Observation Network (SAEON),  
South Africa

### \*Correspondence:

Elodie Martinez  
elodie.martinez@ird.fr

### † Present address:

Matthieu Lengaigne,  
MARBEC, University of Montpellier,  
CNRS, IFREMER, IRD, Sete, France  
Raphaëlle Sauzède,  
CNRS-INSU, Institut de la Mer de  
Villefranche, Sorbonne Universités,  
Villefranche-sur-Mer, France

### Specialty section:

This article was submitted to  
Ocean Observation,  
a section of the journal  
Frontiers in Marine Science

**Received:** 16 October 2020

**Accepted:** 05 November 2020

**Published:** 26 November 2020

### Citation:

Martinez E, Gorgues T, Lengaigne M,  
Fontana C, Sauzède R, Menkes C,  
Uitz J, Di Lorenzo E and Fablet R  
(2020) Corrigendum: Reconstructing  
Global Chlorophyll-a Variations Using  
a Non-linear Statistical Approach.  
*Front. Mar. Sci.* 7:618249.  
doi: 10.3389/fmars.2020.618249

Elodie Martinez<sup>1,2\*</sup>, Thomas Gorgues<sup>1</sup>, Matthieu Lengaigne<sup>3†</sup>, Clement Fontana<sup>2</sup>,  
Raphaëlle Sauzède<sup>2†</sup>, Christophe Menkes<sup>4</sup>, Julia Uitz<sup>5</sup>, Emanuele Di Lorenzo<sup>6</sup> and  
Ronan Fablet<sup>7</sup>

<sup>1</sup> LOPS, IUEM, IRD, Ifremer, CNRS, Univ. Brest, Brest, France, <sup>2</sup> EIO, IRD, Ifremer, UPF and ILM, Tahiti, French Polynesia,  
<sup>3</sup> LOCEAN-IPSL, Sorbonne Universités/UPMC-CNRS-IRD-MNHN, Paris, France, <sup>4</sup> ENTROPIE, IRD, Univ. de la Réunion,  
CNRS, Univ. de la Nouvelle Calédonie, Ifremer, Noumea, New Caledonia, <sup>5</sup> Laboratoire d'Océanographie de Villefranche,  
CNRS and Sorbonne Université, Villefranche-sur-Mer, France, <sup>6</sup> Georgia Institute of Technology, Atlanta, GA, United States,  
<sup>7</sup> IMT Atlantique, Lab-STICC, UMR CNRS 6285, Brest, France

**Keywords:** machine learning, phytoplankton variability, satellite ocean color, decadal variability, global scale

## A Corrigendum on

**Reconstructing Global Chlorophyll-a Variations Using a Non-linear Statistical Approach**  
by Martinez, E., Gorgues, T., Lengaigne, M., Fontana, C., Sauzède, R., Menkes, C., et al. (2020). *Front. Mar. Sci.* 7:464. doi: 10.3389/fmars.2020.00464

In the original article, there was a mistake in the labeling of the **Figures 11B** and **Figures 11D** color bar as published. The SST-Chl opposite relationship labels below the color bar were inverted between the green and yellow sections. The corrected **Figure 11** appears below.

The authors apologize for this error and state that this does not change the scientific conclusions of the article in any way. The original article has been updated.

## REFERENCES

- Antoine, D., Morel, A., Gordon, H. R., Banzon, V. F., and Evans, R. H. (2005). Bridging ocean color observations of the 1980s and 2000s in search of long-term trends. *J. Geophys. Res. Oceans* 110:C06009.
- Martinez, E., Antoine, D., D'Ortenzio, F., and Gentili, B. (2009). Climate-driven basin-scale decadal oscillations of oceanic phytoplankton. *Science* 36, 1253–1256. doi: 10.1126/science.1177012

Copyright © 2020 Martinez, Gorgues, Lengaigne, Fontana, Sauzède, Menkes, Uitz, Di Lorenzo and Fablet. This is an open-access article distributed under the terms of the Creative Commons Attribution License (CC BY). The use, distribution or reproduction in other forums is permitted, provided the original author(s) and the copyright owner(s) are credited and that the original publication in this journal is cited, in accordance with accepted academic practice. No use, distribution or reproduction is permitted which does not comply with these terms.

