

Dear Editor and Reviewers,

Thank you for the attention on this work. Here is the list of all the changes brought to the final document submitted for publication (note that neither the abstract nor the supplementary material have been changed):

- Figure 9 and 10 were switched so that the references are called in increasing order
- All typographic/grammar mistakes underlined by the reviewers have been corrected (with 2 more, discovered when re-reading the manuscript)
Specific to Report #1:
 - In paragraph 2.2.2, 2 justifications explaining why a350 is indeed considered a good indicator of CDOM concentrations and therefore used further to establish links with OCS production have been implemented.
Specific to Report #2:
 - We implemented in 2 paragraphs necessary precisions about the photoproduction constants obtained by Uher et al. (1997).

Sincerely,

Thomas Launois