

## ***Interactive comment on “Hydrography in the Mediterranean Sea during a cruise with RV Tethys 2 in May 2015” by Vincent Taillandier et al.***

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Comments to: Hydrography in the Mediterranean Sea during a cruise with RV Tethys 2 in May 2015, by Vincent Taillandier1 et al.

The paper is a report on data from an oceanographic cruise fully dedicated to the maintenance and the metrological verification of a biogeochemical observing system based on a fleet of BGC-Argo floats. The objective of the cruise is very important and the details on the quality assessment and control procedures are too much accurate. However, the paper lacks important information on the existing knowledge on - bio-chemistry in the Mediterranean and changes - historical data and gaps in observing systems Such information should partially justify the important efforts done during the

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Tethys cruise. There is another aspect that should be included in the paper: are there seasonal changes? Can a single cruise provide useful information to assess seasonal variabilities? The paper is going to much in details on qc procedures, that can be found in other publications and reports and is not providing any information on the contribution to the scientific knowledge on the Mediterranean ecosystems.

As it is now, the paper has be strongly revised.

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