Comments to the Second version of the manuscript: "An integrated open-coastal biogeochemistry, ecosystem and biodiversity observatory of the Eastern Mediterranean. The Cretan Sea component of POSEIDON system" from Petihakis et al.

The manuscript has been improved by the authors following the suggestions and correction of the three referees. I suggest just a few changes before being published.

General Comments:
Although the authors claimed I can't see the reduction of the 40% of section 2, which from my point of view it is still too long. It leads to diverting the reader's attention from the true content of the article.
Other parts of the ms have been modified and/or reduced but not well integrated leading to a fragmentation of the reading. One possibility, which I propose, is to unify points 4.1 and 4.3 which refer directly to the observations made on the fixed platform (by slightly modifying the title), regardless of the type of parameter, so as to incorporate everything into one.

Minor comments:
Page 5 Line 35: "In 2017, an extended upgrade and renewal of POSEIDON buoy network monitoring parts and components and their supporting hardware was realized with the implementation of an integrated marine monitoring program funded by the EEA Financial Mechanism 2009-2014. ….. *How was done this extended upgrade in 2017 with 2009-2014 funds?*
Page 7 Line 19: replace *Lagrangian*
Page 7 Line 33: *S*outhern Adriatic
Page 9 Line 15-17: non-easy to read, please change in: "The system was reactivated in 2012 for a few years until the end of 2014. Recently, since mid-207 it has been running continuously with an upgrade to also provide also O_2, CO_2 and pH measurements"
Page 9 line 22: change displays for depicts
Page 9 line 23: …. That need *further* investigation
Page 11 line 5: "Specialized personnel is the *main* component for smooth *and* continuous functioning of any multiplatform-multidisciplinary observatory"
Page 11 line 13: replace of with in
Page 11 line 28-29: add "proved *to be a* powerful"
Page 14 line 31: in-situ