

## ***Interactive comment on “An integrated open-coastal biogeochemistry, ecosystem and biodiversity observatory of the Eastern Mediterranean. The Cretan Sea component of POSEIDON system” by George Petihakis et al.***

**Anonymous Referee #2**

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Journal: OS Title: An integrated open-coastal biogeochemistry, ecosystem and biodiversity observatory of the Eastern Mediterranean. The Cretan Sea component of POSEIDON system. Author(s): George Petihakis et al. MS No.: os-2018-3 MS Type: Review article Special Issue: Coastal marine infrastructure in support of monitoring, science, and policy strategies

General aspects: The manuscript written by Petihakis et al. describes the components part of the Cretan ecosystem observatory as the coastal and open sea buoys, ferry box, floats, gliders so as the land-based facilities and personnel capabilities. Special

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interest is given to biochemical measurements and ecosystem modelling. Finally, it gives an overview of future developments in the short term so as in the long one.

The manuscript (hereafter ms) is well written and easy to read. The part concerning the sustainability development is very well addressed, touching important aspects mandatory to maintain the system in the long run, key point of the Observing Systems. MS deserves to be publishing; however some points I recommend to be reviewed and modified to improve it.

General and specific comments in the supplement file

Please also note the supplement to this comment:

<https://www.ocean-sci-discuss.net/os-2018-3/os-2018-3-RC2-supplement.pdf>

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Interactive comment on Ocean Sci. Discuss., <https://doi.org/10.5194/os-2018-3>, 2018.

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