**These two references** provide a wide and interesting view on the course topic beyond this lecture and they can be downloaded:

**1.-** The Blue Book Copernicus for a Sustainable Ocean

https://marine.copernicus.eu/services/user-learning-services/blue-book-copernicus-sustainable-ocean

Complete, easy to read and with a cross-cutting and wide focus. Very useful glossary at the end.

**2.-** Ocean Observing System report card 2021 (5 pages!)

https://www.ocean-ops.org/reportcard2021/

In their own words: Ocean Observing System Report Card 2021 provides insight into the status of the global ocean observing system, assessing networks’ progress, focusing on the challenges needed to keep improving this system, and encouraging collaborations and new partners to join the ocean observing community.

**A good introduction to climatological practices and how to calculate climate** normals and is given in the corresponding World Meteorological Organization (WMO) guidelines (WMO nº 100 and WMO nº 1203)

https://library.wmo.int/index.php?lvl=notice\_display&id=5668#.YW5g8CFS8y4

https://library.wmo.int/index.php?lvl=notice\_display&id=20130#.YW5iRSFS8y4

By no means I pretend on a detailed reading, but many concepts, definitions and methodologies are very useful and readily applied to the Ocean.

**Some other further reading** on reanalysis

https://agupubs.onlinelibrary.wiley.com/doi/epdf/10.1029/2018MS001434

**You can also download,** the "Quality Information Document" and "Product User Manual" we will have a quick look in the lecture for INSITU products

http://dx.doi.org/10.13155/43494

https://doi.org/10.13155/75807

and for the global physics reanalysis product (those may require that you register as user at CMEMS)

CMEMS-GLO-PUM-001-030.pdf

CMEMS-GLO-QUID-001-030.pdf