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Natural Hazards and Earth System Sciences
Discussions

# *Interactive comment on* "A multi-service data management platform for scientific oceanographic products" *by* Alessandro D'Anca et al.

**Anonymous Referee #2**

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The paper describes the standard based data management platform developed within framework of the TESSA project that targets scientific users and the Situational Sea Awareness high-level services.

Please find some comments below:

The related work subsection is missing.

Having in the introduction more information on the challenges/problems to be solved, would help in understanding the choices done.

In architecture subsection authors refer to "large number of requirements such as: transparency, robustness, efficiency, fault tolerance, security" , however it is not clear how transparency, robustness, fault tolerance is tackled in the proposed solution. (still



is being mentioned in conclusions)

Please rephrase/divide following sentences (for better readability):

" In particular, the THREDDS includes the WMS - Web Map Service (wms, 2006), for the dynamic generation of maps starting from geographically referenced data, the direct downloading using the HTTP protocol, and the OPeNDAP (ope) service, which is a framework that aims to simplify the sharing of scientific information on the web by making available local data from remote connections, providing also variables selection and spatial and temporal subsetting capabilities"

"Dedicated DAS modules, day by day, download the source raw data from the external providers, store them into the data archive and provide them as input to the Sea-Conditions operational chains managed by DTS; post-processed data are then moved to an FTP Server. "

Also the number of abbreviations/technologies mentioned in the abstract makes it a bit hard to read.

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