

CLS-6.1: Global requirements on EO products

Global requirements on EO products

Challenge

CLS_OFF.6.1 : Global requirements on EO products

1	Challenge ID	CLS_OFF.6.1				
2	Title	Global requirements on EO products				
3	Originator of Challenge	All contacts				
	General description					
4	What data/products do you currently use ?	n/a				
5	When do you use this kind of dataset?	n/a				
6	What are your actual limitations and do you have a work around?	<ul style="list-style-type: none"> • The main issue with the use of EO products is the poor knowledge about their performance and reliability. Validation and communication ESA/industry around these data are paramount. • The limitation concerning the use of EO products can be the difficulty to have a guaranteed access to these data. (A model is more likely to provide this guarantee) Ex: This issue happens with EnviSAT. It delivered excellent products but there were many difficulties in getting the data timeliness in NRT. • Another issue is the lack of tools to read and view this data. The products should be provided in a common format to producers (Matlab, Fortran) or delivered with a turnkey tool. • Problem of having a time series referred to a specific location. Satellite data are sparse in both time and space 				
7	Needs and expectations on EO data	<p>Workshops with ESA to communicate on these tools (validation case studies) and the reliability of these products could be very useful.</p> <p>A new analyze of the climate change with the EO data could also be of a great help.</p> <p>CRYOSAT Data are really needed for operational issues. Communication about these products needs to be done.</p> <p>There is also a need to communicate more upstream with the science community</p>				
	Challenge classification					
8	Lifecycle stage	<i>Pre license</i>	<i>Exp.</i>	<i>Dev.</i>	<i>Prod.</i>	<i>Decom.</i>
	Score from impact	1	1	1	1	1
9	Geographic context /restrictions	n/a				
10	Topographic classification / Offshore classification	n/a				

11	Activity impacted /concerned	<p>Main advantage (besides money saving): standardizing of the data, same reference, same standards for every O&G platform studies.</p> <p>Data homogeneity among all operators to represent the environment and relation with regulatory bodies, continuity on calibration.</p>
12	Urgency (How quickly does the user need the solution)	n/a
	Information requirements	
13	Update frequency	n/a
14	Temporal resolution	n/a
15	Spatial resolution	n/a
16	Data quality	n/a
17	Data Coverage and extent	More easy access to some area outside the limitation [52°N-52° S].
18	Example formats	n/a
19	Timeliness	n/a
20	Existing standards	n/a

Relevant products

Content by label

There is no content with the specified labels