



Climate Change

The role of the technical officer (TO) in the data integration process

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On behalf of all TOs





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Technical Officer

Headline:

- “ The TO provides technical and scientific support to contract management officers and the CDS team to assess the content of deliverables and in the CDS.”
- “The TO provides a technical link and scientific support between C3S and the data provider.”



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The past - learning phase

Phase I: proof-of-concept

- Document reviewing
- Takes decisions (along with the provider),
- Discuss with Contract Officer status of deliverables,
- Follows the technical evolution of contract,
- Participate in Cross-CDR,
- ...
- ***Technical point of contact in C3S***

		C3S_312a	
4.7.1	Lot 6		
4.7.2	Lot 6		
4.7.4	Lot 4		
4.7.5	Lot 5		
5.3.1	Lot 3		
5.3.3	Lot 2		
5.3.5	Lot 1		
5.3.7			
6.3.4			
		Lot 7	
6.3.9	Lot 9		
6.3.10			
6.3.11	Lot 9		
6.3.12	Lot 9		
6.3.15			
		2017	2018





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The future – consolidation phase

	GCOS Status Report	C3S Technical Annex	CDS	Reanalysis	Observations		GCOS Status Report	C3S Technical Annex	CDS	Reanalysis	Observations
Atmosphere(surface)						Ocean(physics)					
AirTemperature	4.3.1	Stage III	2017	ERAS	C3S_311a	SeaSurfaceTemperature	5.3.1	Stage III	2017	ORAS	C3S_312a
WindSpeedAndDirection	4.3.2	Stage III	2017	ERAS	C3S_311a	SubSurfaceTemperature	5.4.1	Stage III	2017	ORAS	
WaterVapour	4.3.3	Stage III	2017	ERAS	C3S_311a	SeaSurfaceSalinity	5.3.2	Stage III	2018	ORAS	
Pressure	4.3.4	Stage III	2017	ERAS	C3S_311a	SubSurfaceSalinity	5.4.2	Stage III	2018	ORAS	
Precipitation	4.3.5	Stage III	2017	ERAS	C3S_311a	SeaSurfaceCurrents	5.3.6	Stage III	2018	ORAS	
SurfaceRadiationBudget	4.3.6	Stage III	2017	ERAS	C3S_312b	SubSurfaceCurrents	5.4.3	Stage III	2018	ORAS	
Atmosphere(upperair)											
Temperature	4.5.1	Stage III	2017	ERAS							
WindSpeedAndDirection	4.5.2	Stage III	2017	ERAS							
WaterVapour											
CloudCover											
EarthRadiationFlux											
AtmosphericComposition											
CarbonDioxide											
Methane											
Ozone											
Aerosols											



Phase-III: Consolidated operations

- Discuss with data provider specific aspects of the look&feel dataset in the CDS,
- Propose to the Dataset Governance Board the publication of a dataset,
- Review and validates updates to the web form,
- ...
- **Role of TO evolves according to needs and limitations of the service**
- *What would we like to achieve? What is exactly the role of the TO at the EQC activity?*

