



EUMETSAT data access for ocean-atmosphere applications

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EUMETSAT offers a range of data discovery and delivery mechanisms

Single sign on registration for online services at <https://eoportal.eumetsat.int>

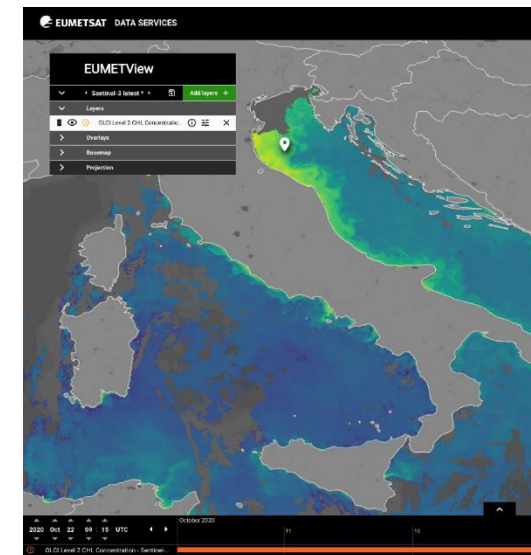
For information on which products are available via which services, visit <https://navigator.eumetsat.int>

	EUMETCast	EUMETCast is a multi-service push dissemination system based on multicast technology. The multicast stream is transported to the user via satellite (EUMETCast Satellite) or terrestrial (EUMETCast Terrestrial) networks.
	Copernicus Online Data Access (CODA)*	CODA offers all Sentinel-3 products through a rolling buffer spanning the last 12 months of data. It can be accessed through its API and web-based GUI. https://codas.eumetsat.int . CODAREP also available for reprocessed data.
	Data Centre Long-Term Archive	An ordering application enables users to browse and select from the long-term archive of products including those from Sentinel-3 and https://archive.eumetsat.int/
	EUMETView	EUMETView is a visualisation service that allows users to view EUMETSAT and Copernicus data in an interactive way using an online map viewer. https://view.eumetsat.int/ (new version!)
	SFTP	Some Sentinel-6 data are provided through a rolling archive available on SFTP. Users can sign up for service access through their eoportal account



Sentinel-3 data is also available via the Copernicus DIAS services, including WEkEO

- EUMETSAT is transitioning to suite of new data services
 - Data Store
 - Data Tailor (stand-alone and web)
 - New EUMETView
 - API access! See: <https://gitlab.eumetsat.int/eumetlab/data-services>
- A lot of EUMETSAT data already available
- Copernicus and SAF data will start to be integrated in to these new services more fully in early 2022.
- Copernicus data is also available through WEkEO, alongside cloud computing resources.

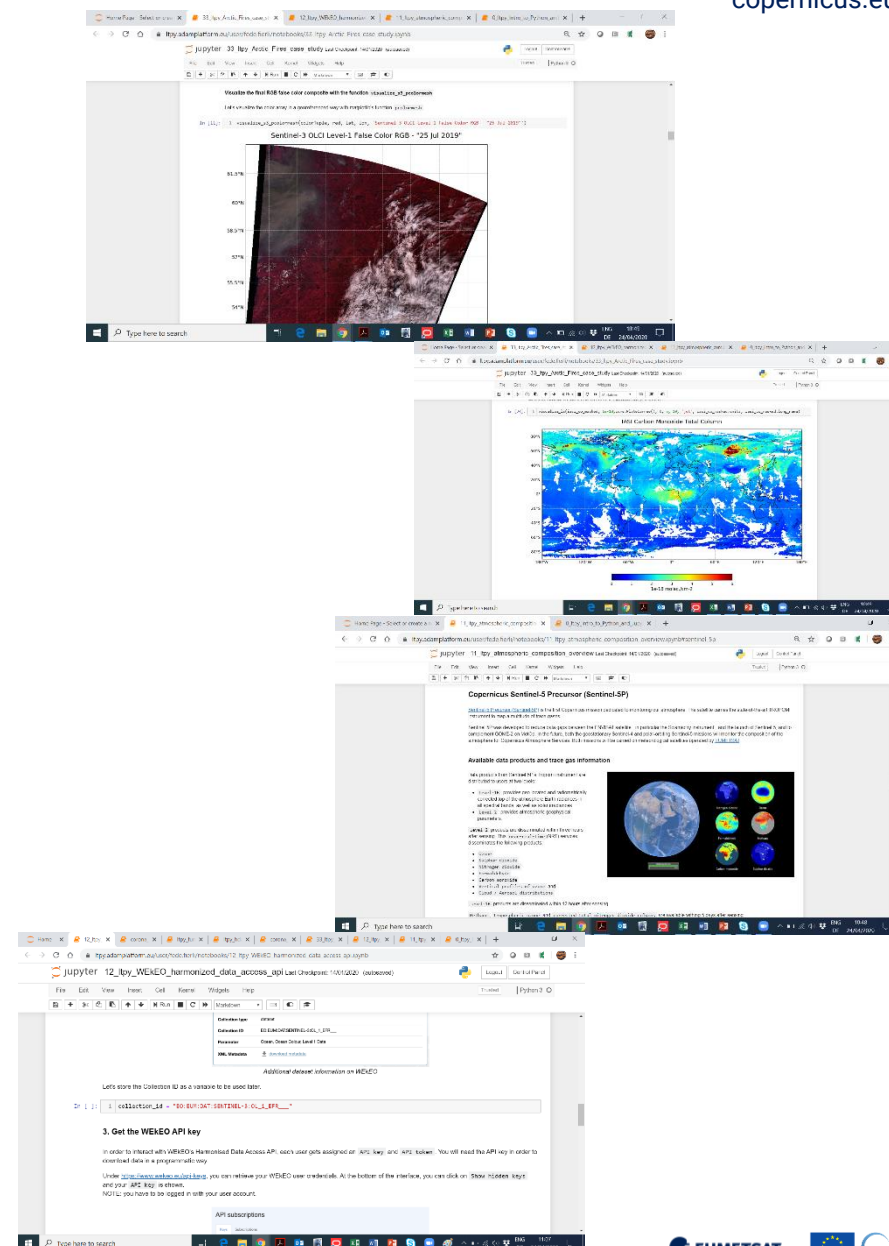




Code and data handling environments

copernicus.eumetsat.int

- Jupyter Notebooks: Intuitive way to interact with python code
- Drive users to discover data:
 - Sentinels, CMEMS, CAMS, EFFIS
 - Supporting datasets (AC-SAF, ERA5)
- Used in training and made available for self-paced learning and reuse.
- Wide array of topics (and growing!)
 - Data access, processing tools, tutorials on atmosphere and marine applications.
- Available (with other code tools) on:
<https://gitlab.eumetsat.int/eumetlab/>
- Deployed in EUMETSAT training hub and WEkEO for training courses – open to collaboration!





Further information and support on using EUMETSAT data

copernicus.eumetsat.int

- EUMETSAT website – www.eumetsat.int
- Twitter: @eumetsat, @eumetsat_users
- Helpdesk – email: ops@eumetsat.int
- New knowledge base for user support (in development):
<https://eumetsatspace.atlassian.net/wiki/spaces/EUM/overview>
- Training:
 - Visit <https://training.eumetsat.int> for courses
 - email: copernicus.training@eumetsat.int
- Copernicus MOOCs
 - www.atmospheremooc.org
 - www.oceansfromspace.org
- EUMETSAT YOUTUBE: www.youtube.com/user/EUMETSAT1/featured
- Science stories: <https://scienceblog.eumetsat.int/>
- Copernicus Podcasts: <https://audioboom.com/channels/5011622>



- Python Jupyter Notebook examples from myself and Julia Wagemann.
- Notebooks are available at: <https://bit.ly/3D6IW10>