Webinar 1 for Middle Eastern Users

Data Store and Data Tailor through Graphical User Interface.

Exercise 1: Using Data Store

1. **Access the platform**

   Click on the link → https://data.eumetsat.int

2. **Login**

   To log in click the "**log in**" button (below). A new window will open and you will need to insert your username and password.

   If you do not have a username and password please create a new user by clicking on the "**Create new user**" button.

   Click Login

3. Once logged in you will be faced with the screen below. Click on "**Perform an advanced research**".

4. On the left panel, explore the different available filters. Select the following:

PLATFORM → **Meteop**
SENSOR (NOT SENSOR TYPE)→ **ASCAT**

5. Now find the collection called "**ASCAT Coastal Winds at 12.5 km Swath Grid – Metop**" and read everything about the collection by clicking "**Learn more**"
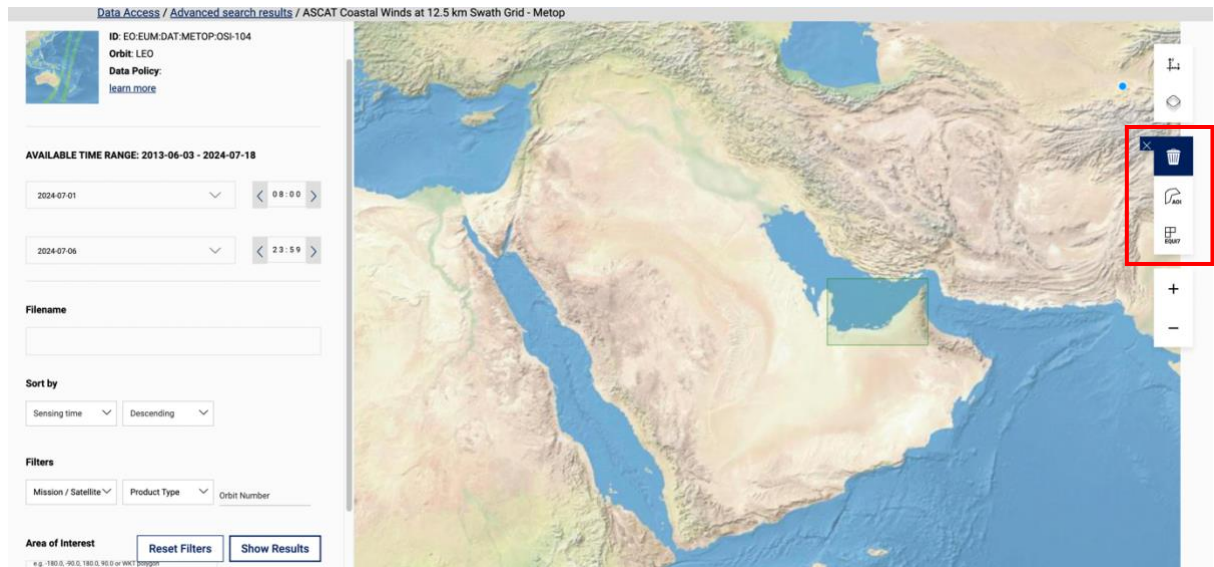

6. Go back and click on "**Access Data**". A new window will open.

7. Select the following time range:

Date: **2024-07-01** Time: **8:00**
Date:**2024-07-06** Time: **23:59**

8. Select the **area of interest** as shown in the figure below. (Green box). To create the polygon click on the rectangle image on the right of the screen.

Click on **Show Results**.

9. Now check how, by clicking on the different products, the map will show you different swaths, indicating the movement of the satellite and the area covered by that specific product. **Choose a product that matches your area.**
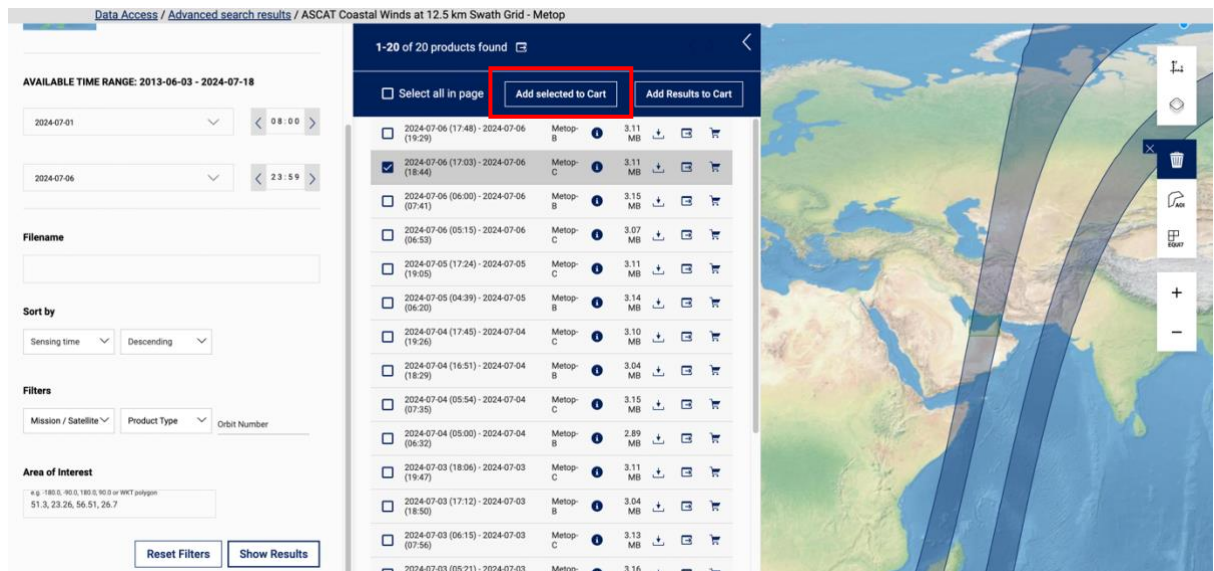
Select the product and click "**Add selected to Cart**".

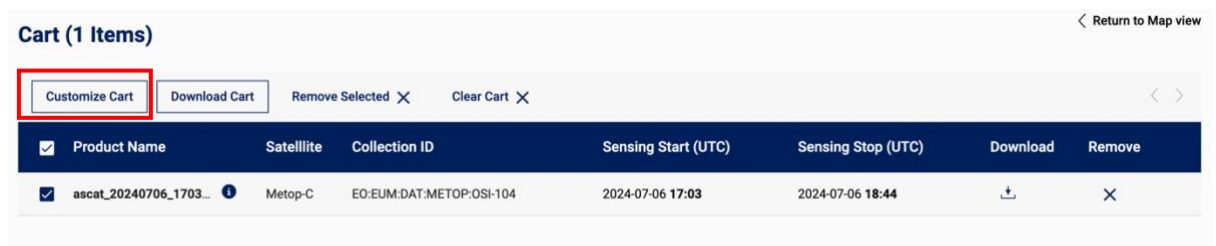On the top of the menu, click on the **Cart icon** to see your cart.

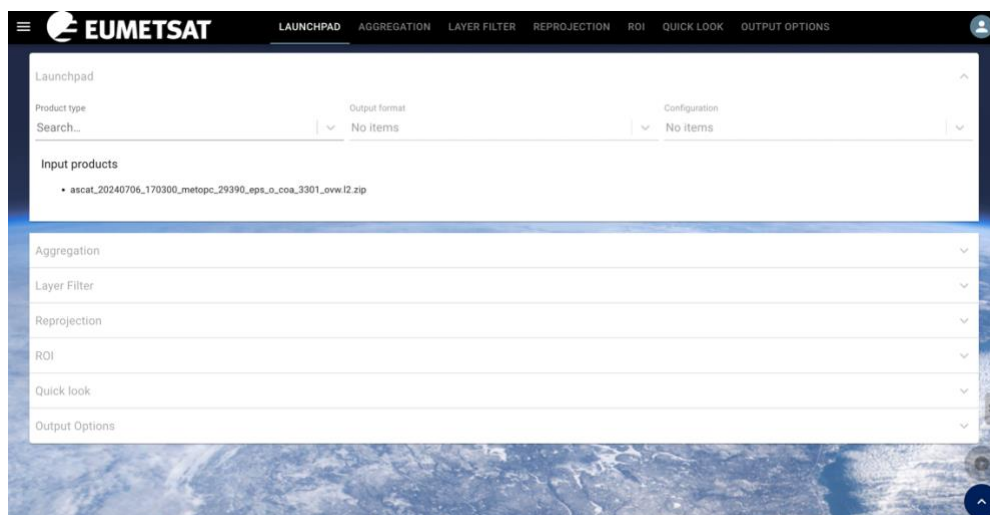10. The image below shows what your cart should look like.

Exercise 2: Using the Data Tailor

1. Select your product from the chart and click: "**Customise Cart**"

2. A new window will open. This is what the Data Tailor GU Interface looks like.

3. Select the following:

Product type: **ASCAT…. NetCDF**.

Output Format: **GeoTiff**

4. On the "**Layer Filter**" section select the following from the box on the LEFT:
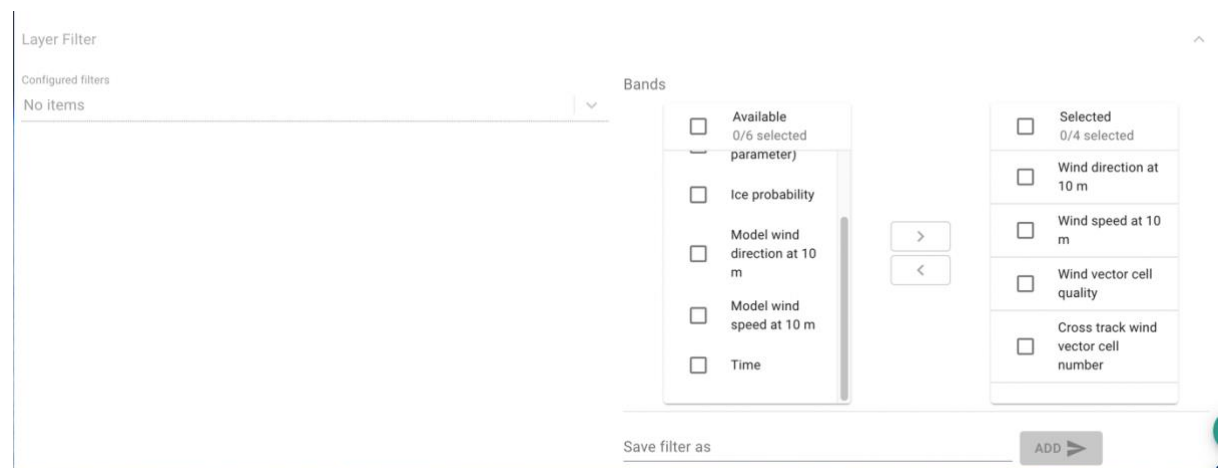-**Wind Direction at 10 m**
-**Wind Speed at 10 m**
-**Wind Vector cell quality**
-**Cross Track wind vector Cell number.**

Click on the arrow in the middle "**>**".

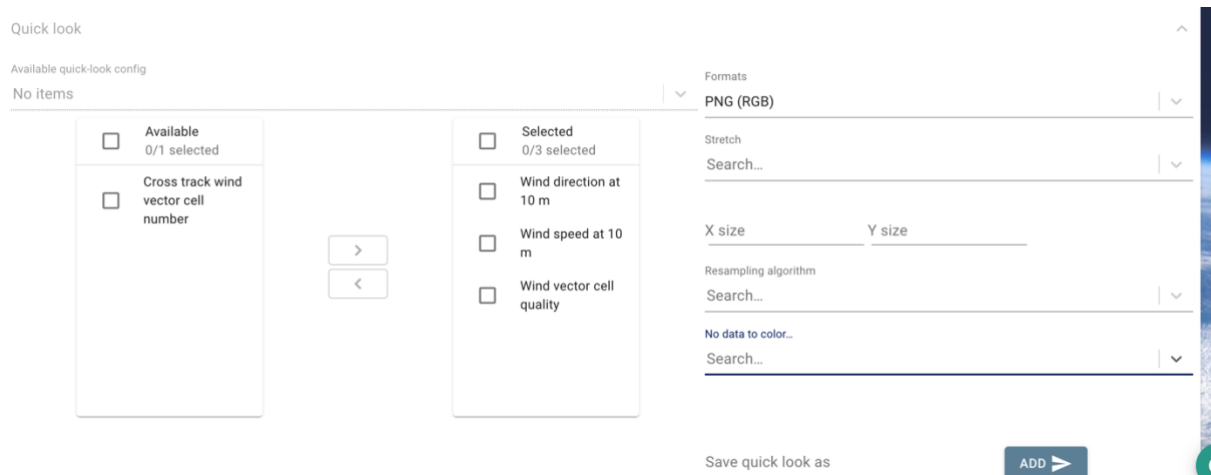Your window should now look like the following:

5. Go On the "**Quick look**" section.

Select three layers on the box on the LEFT, and click the arrow to move them on the RIGHT.
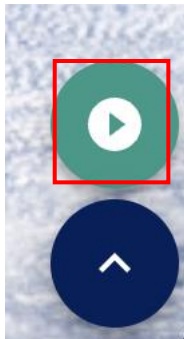
Select PNG as a **format**

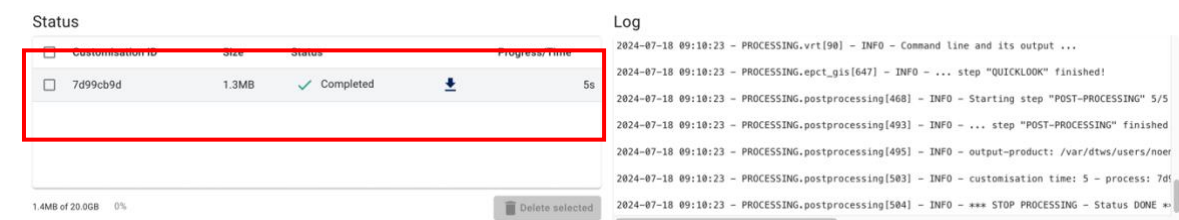Your window will have to appear as shown below.

On the **Output option** section choose Zip as a compression type.

You are now ready to start the customisation. Press the **green button** on the bottom-right of the screen.

A new tab will open at the bottom. It will look like the one below. Select the Customisation and press the **download arrow.**

You have downloaded your product!

Now, try by yourself with the following information:

Exercise 2: Sentinel-3

- **Find the product**
Collection: OLCI Level 1B Full Resolution - Sentinel-3
Area: Persian Gulf
Timeframe: Choose you preferred time range (make sure your dates fit the AVAILABLE TIME RANGE)

- **Customise the product**
Output format: GeoTiff
Reproject: Gall-Peters
ROI: Find the coordinates (in decimals) of the north of the Persian Gulf
Output option: Zip

Run the customisation and download the product

Exercise 3: MSG

Collection: Fire Risk Map - Released Energy Based – MSG

No customisation is allowed with this collection. **Only download the product.**

Exercise 4: Independent work

Now, imagine you have some research to do. Download and customize a product according to your research needs.

REMEMBER to use the guide provided to search if your products are supported by Data Tailor