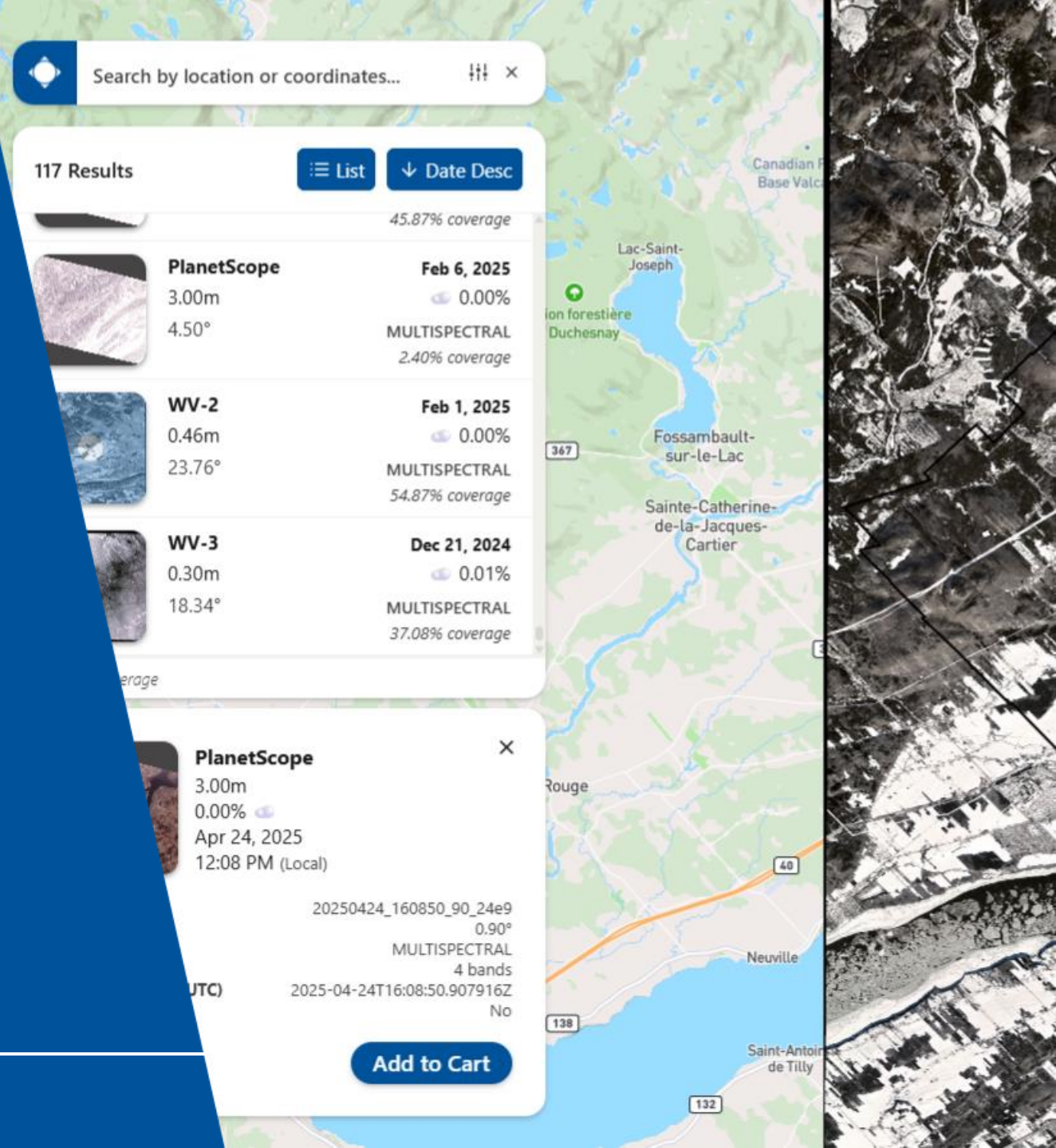
Can-XTerra

CSDS Satellite Imagery Ordering Platform



Getting started

Search by location

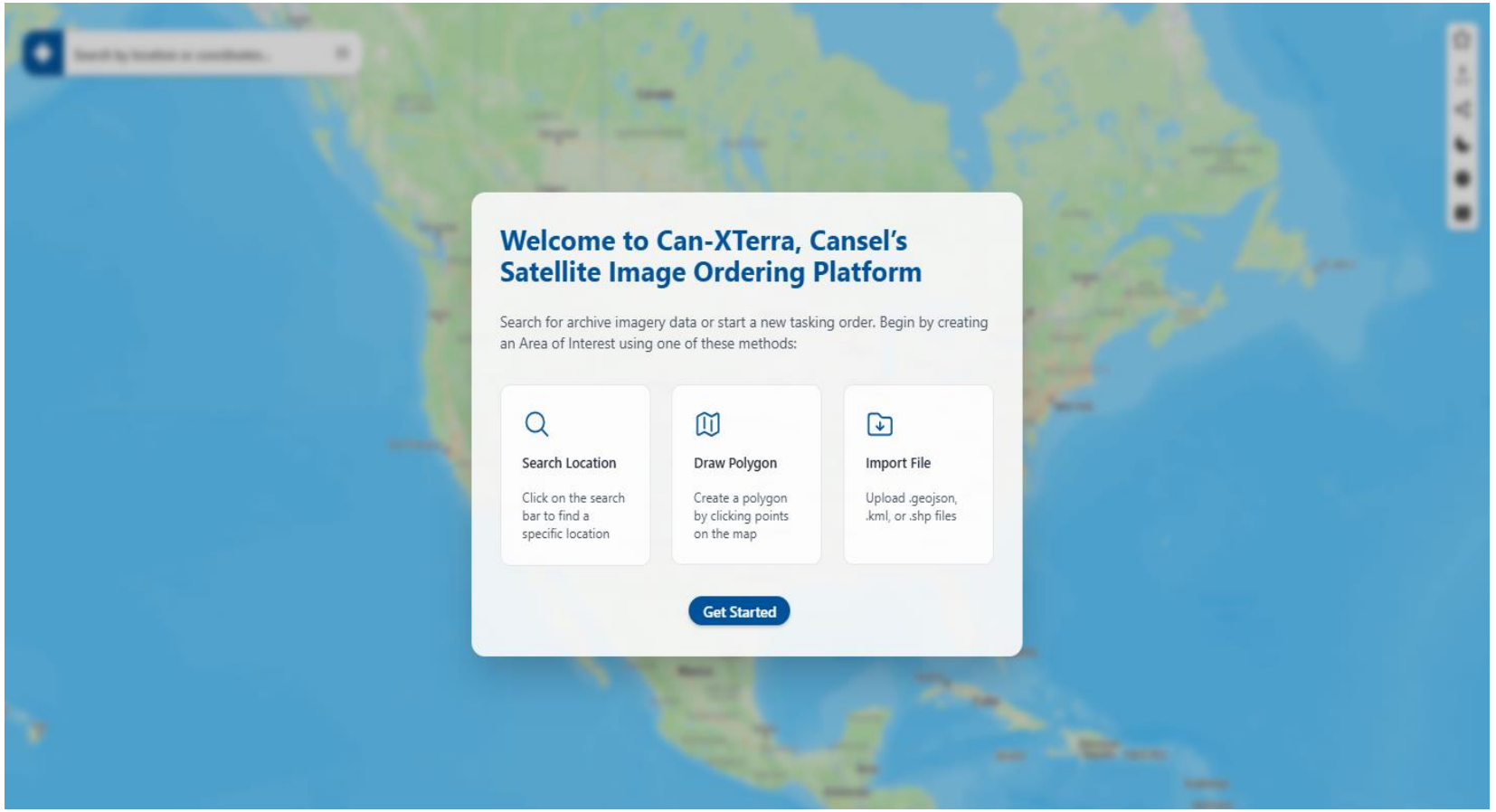
Enter a place or address. You can then create your area of interest (AOI)

Draw a polygon

Create a polygon over the map to get your AOI

Import a file

Upload commonly used spatial file formats such as .kml, .geojson or .shp*

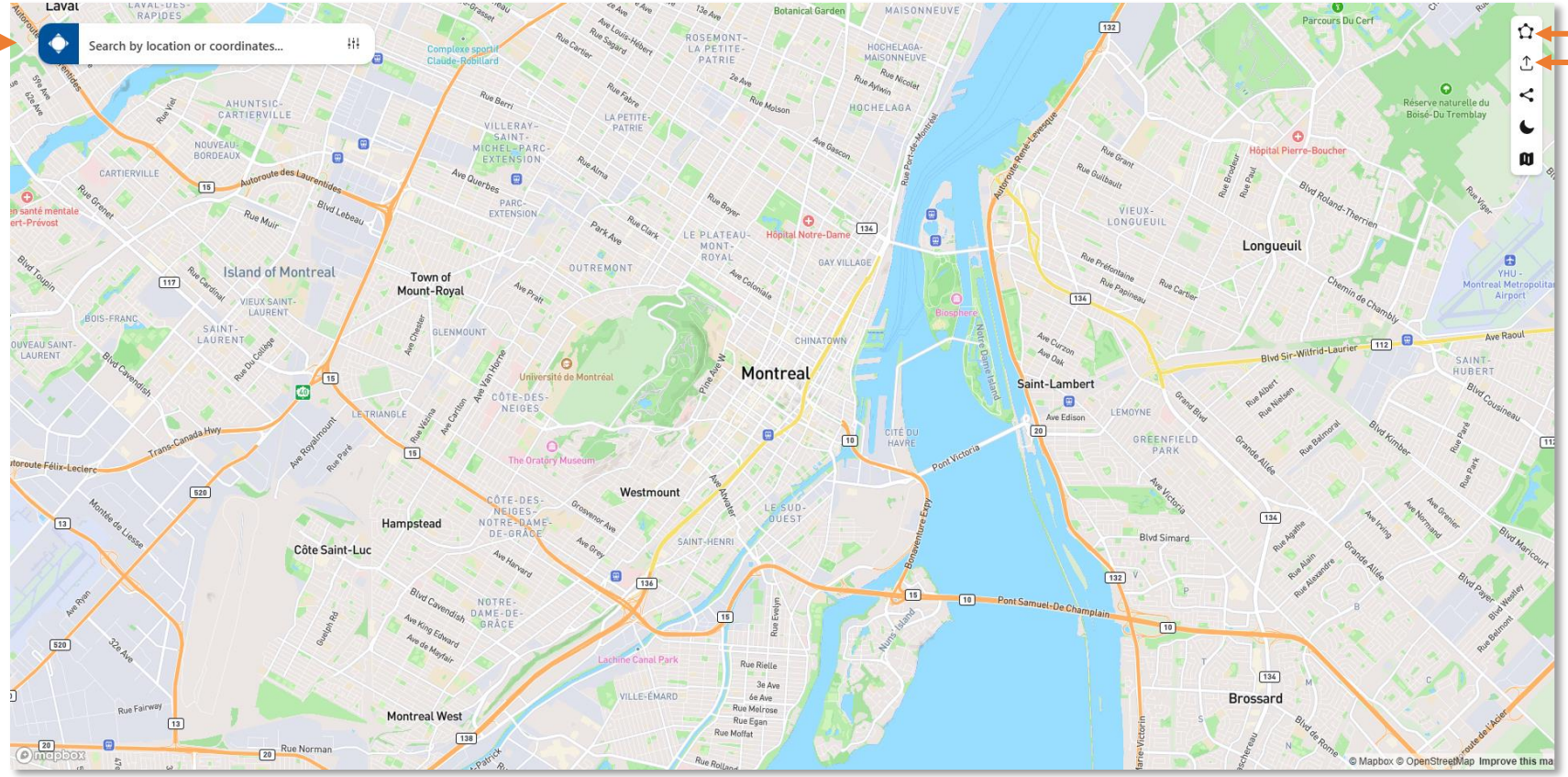


** To upload a shapefile, you need to regroup all related files in a compressed folder (.zip)*

Search options in the web interface

Search by location

Enter the address of the area of interest



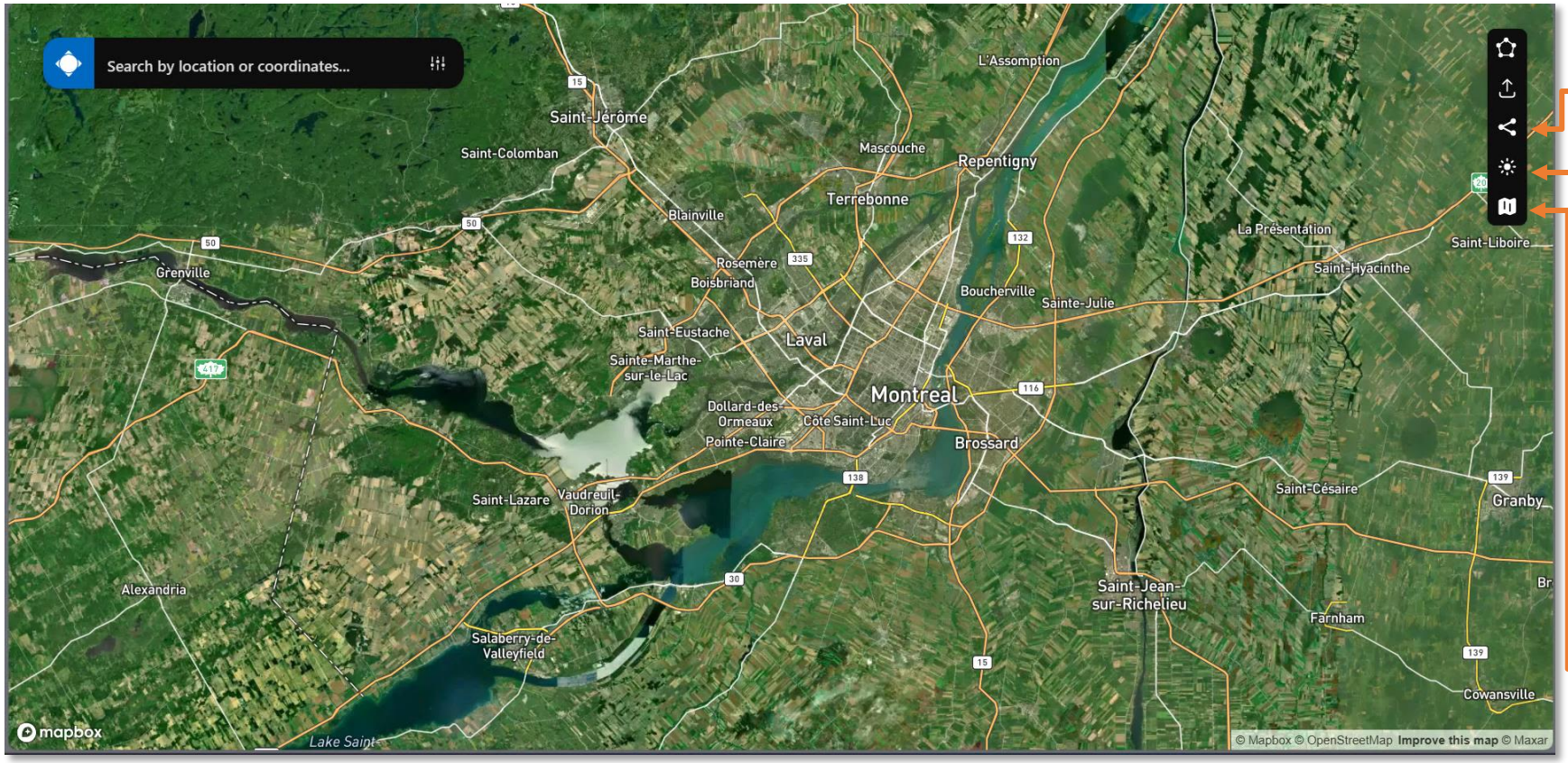
Draw a polygon

Create a polygon on the map to get your area of interest

Import a file

Upload commonly used spatial file formats such as .kml, .geojson or .shp

Other available tools



Share result

Once your research done, you can share your results with a link.

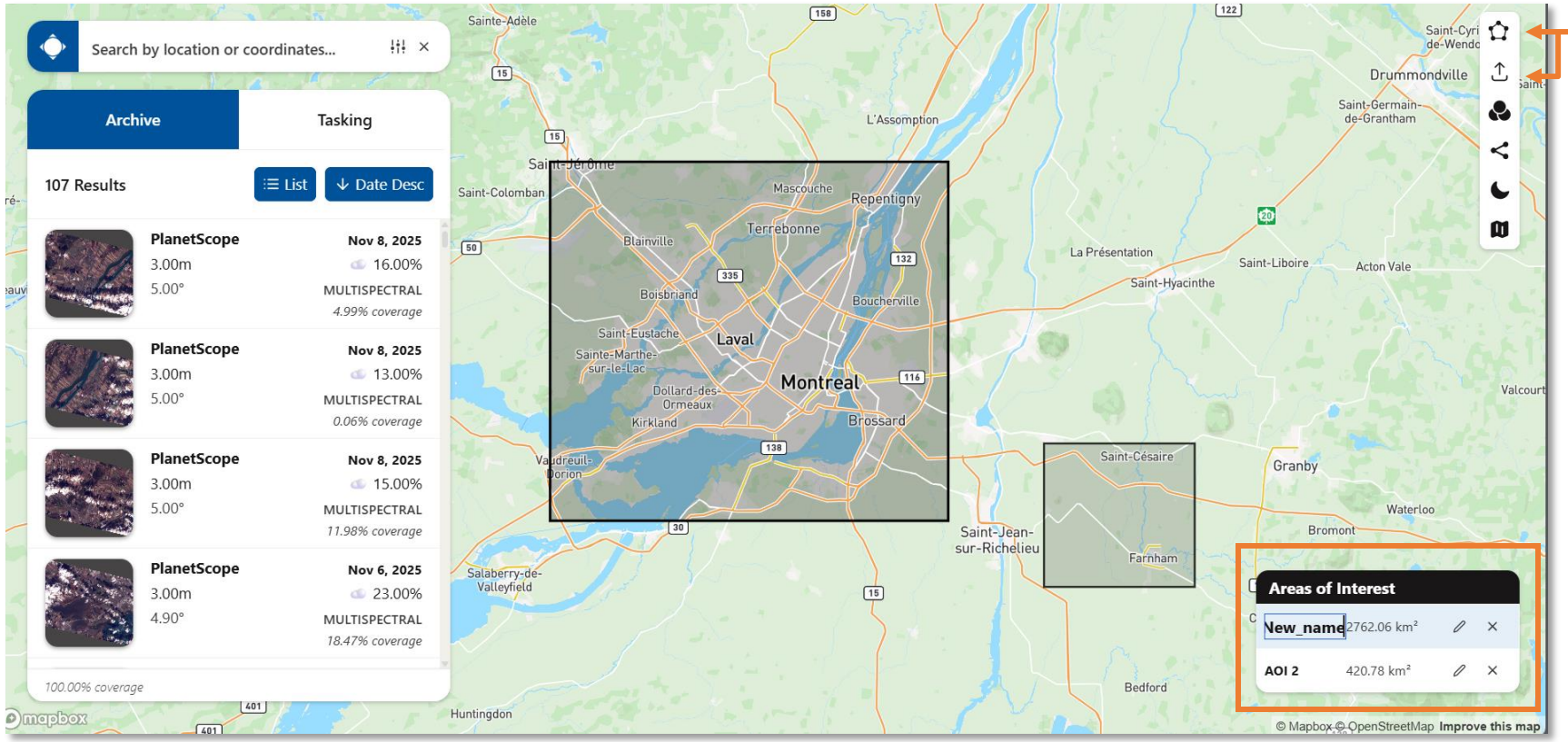
Dark mode

Change the appearance of the user interface

Road map to Satellite

You can toggle between road map or Satellite for basemaps display.

Editing the Area of Interest (AOI)



Area of interest

You can add multiple AOI at the same time. It will be added to the *Areas of Interest list* as *AOI 2*

By clicking on the pencil, you will be able to edit the shape of the area of interest

You can change the name by double clicking on the text.

You will also find the surface area in km² for each area

Some minimum purchases may apply and vary according to suppliers. The shape must not have any holes and may need to be modified to comply with specific corridor widths. These parameters may vary from one supplier to another.

Search in the image archives of different suppliers

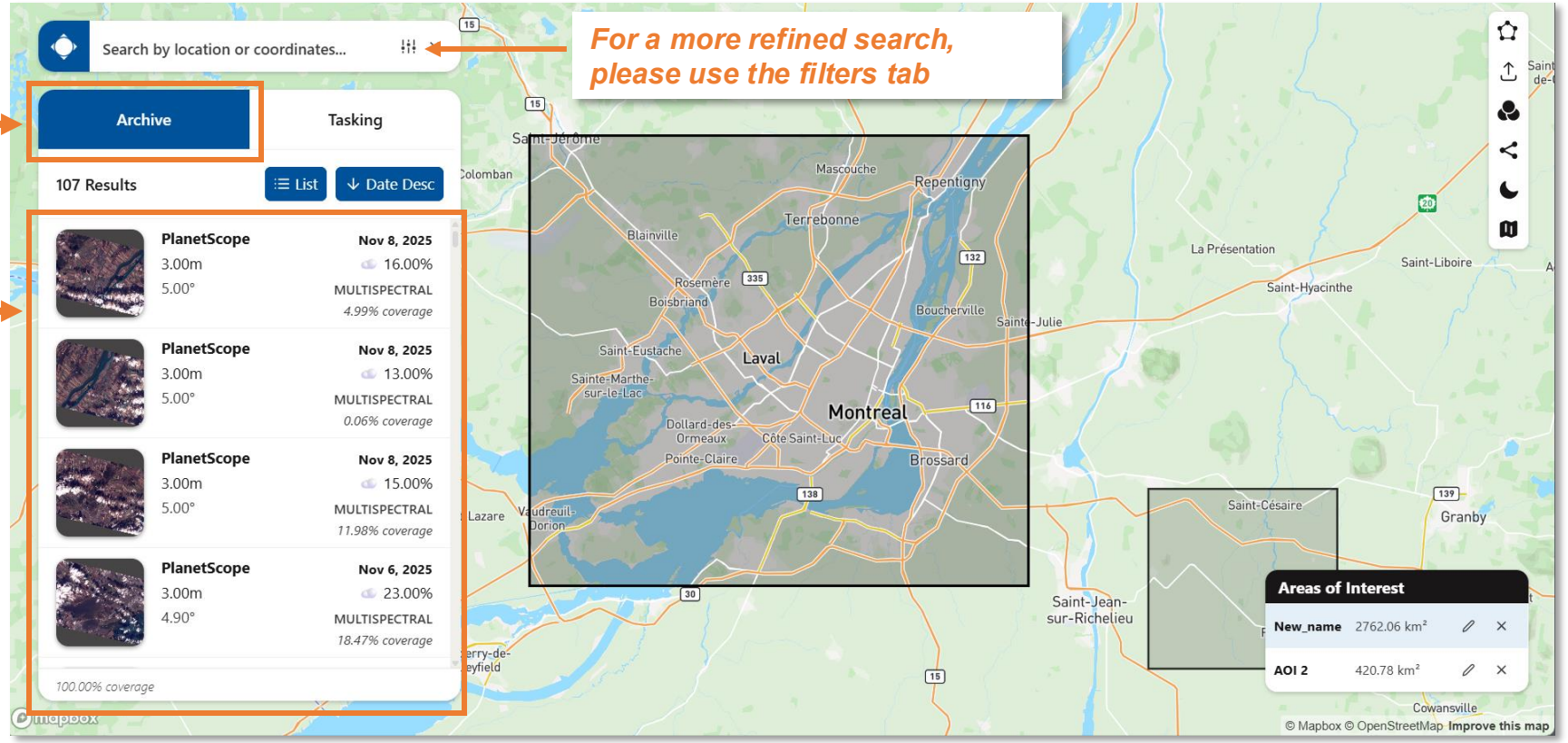
Archives research

To search for an image already acquire over your area of interest, select the AOI in the list (highlighted in blue) and click on the Archive tab

A first result showing all available images according to standard search settings will be displayed automatically

You can change the display of the results between a List (include thumbnails) or a Table

You can sort the acquisitions according to several parameters using the drop-down list Date Desc



Adjust the filter settings

Select sensor from supplier list

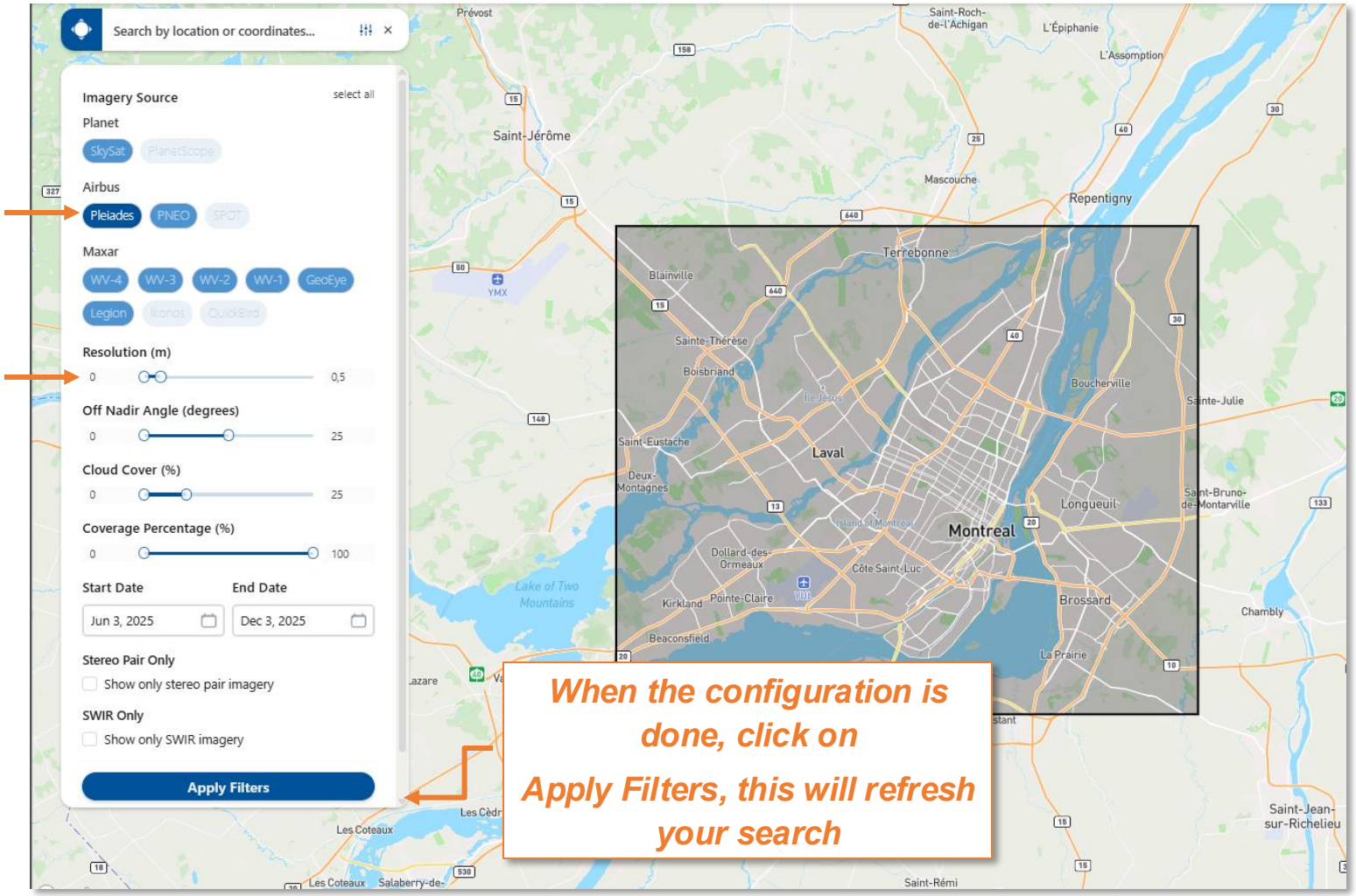
You can limit the research according to the desired sensors or supplier. In the example, only *Pleiades* imagery will be displayed

Select your resolution

You can limit the number of available sensors by modifying the range of spatial resolution. Sensors with a spatial resolution outside the range will be grayed out

Filter for your needs

Many option of filters exist. By default, they are set to standard search settings. Use them to narrow or increase the number of available imageries.

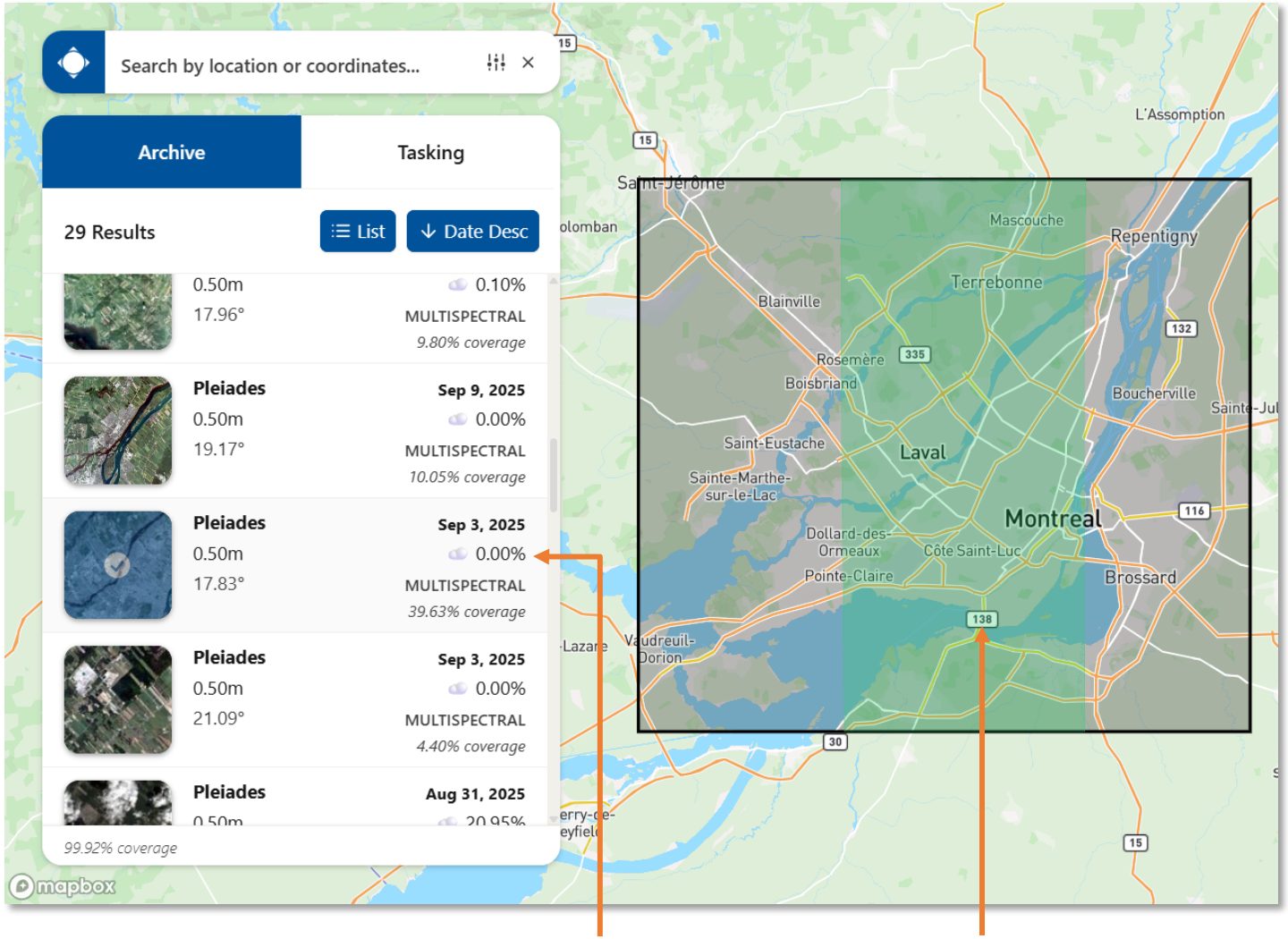


Search result

Browse result

You can explore the results in the list by evaluating the thumbnail as well as the technical specifications:

Sensor name	***Acquisition date***
Spatial resolution (m)	*% Cloud coverage*
Angle off nadir	*Spectral bands*
	% of AOI covered



By hovering over the different search results with your cursor, a green polygon will display the image footprint within your AOI

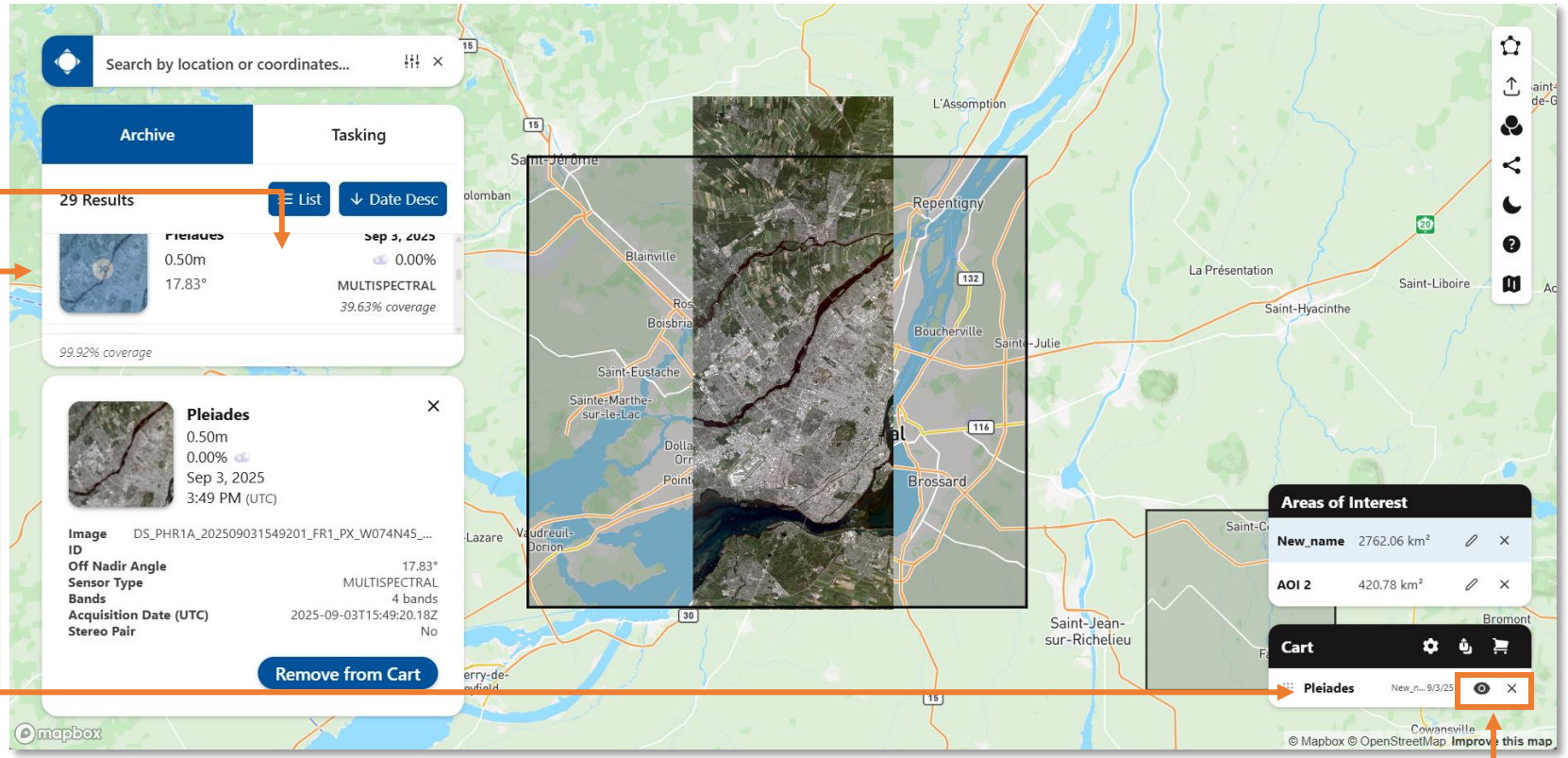
Adding results to the Cart

Selecting an image or more

You can click on the description of an image to open a window with additional metadata.

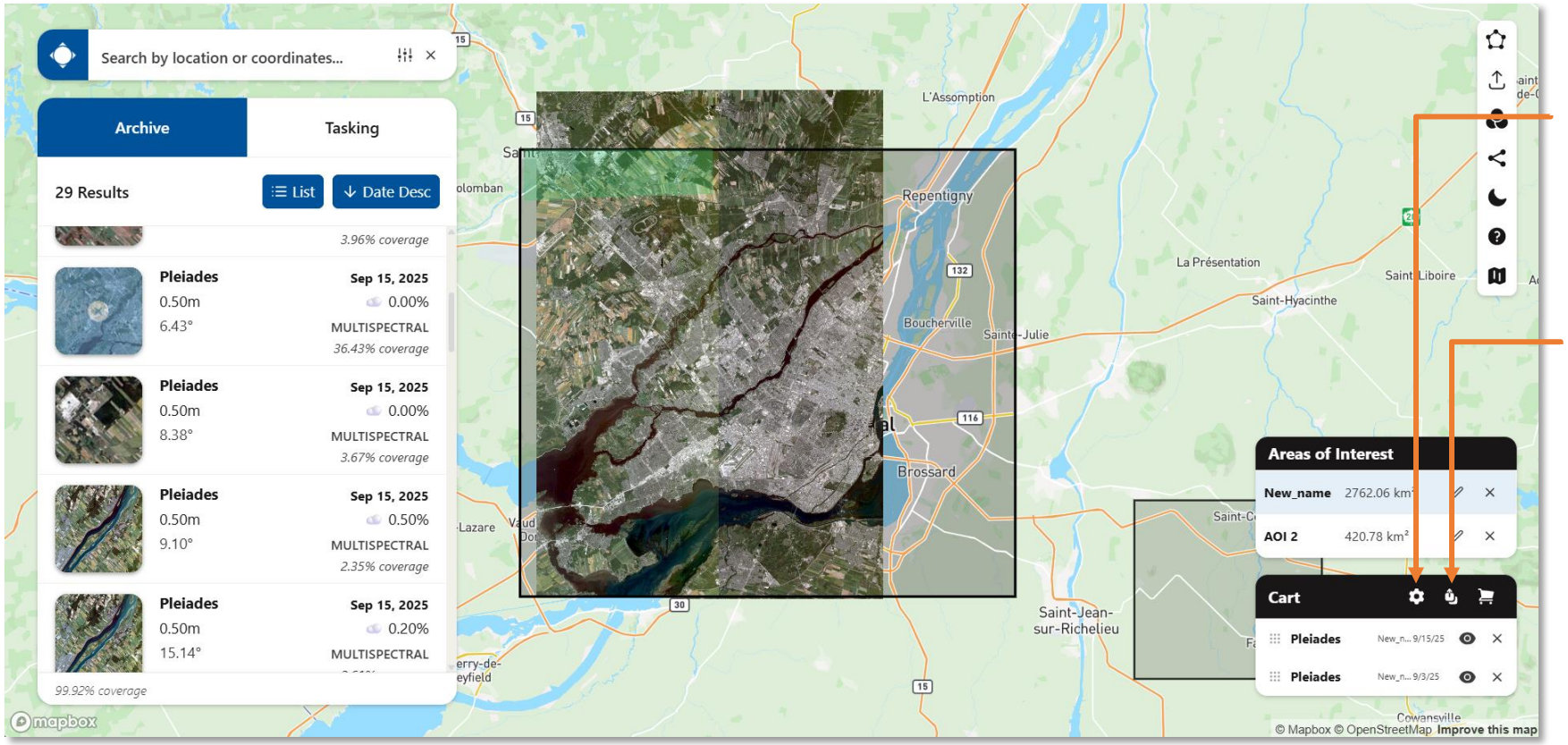
By clicking on the thumbnail, the preview will appear on the view, and the image will be added to the cart

If the purpose of the purchase is not to perform a temporal analysis, it is possible to choose multiple images from the same supplier or sensor without paying for the overlap. For more information, please contact us



You can always remove or hide selected images by using the Cart options

Cart options and exporting results



Cart options

You can adjust the image opacity by clicking on the cogwheel ⚙

Export result

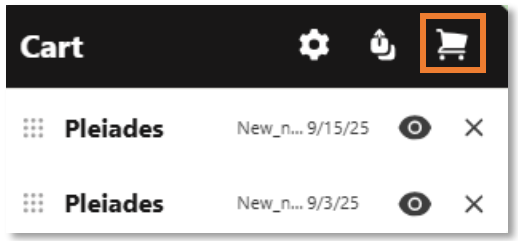
A downloadable package will be generated, including the fingerprint of the selected images as well as the AOIs present in the Cart:

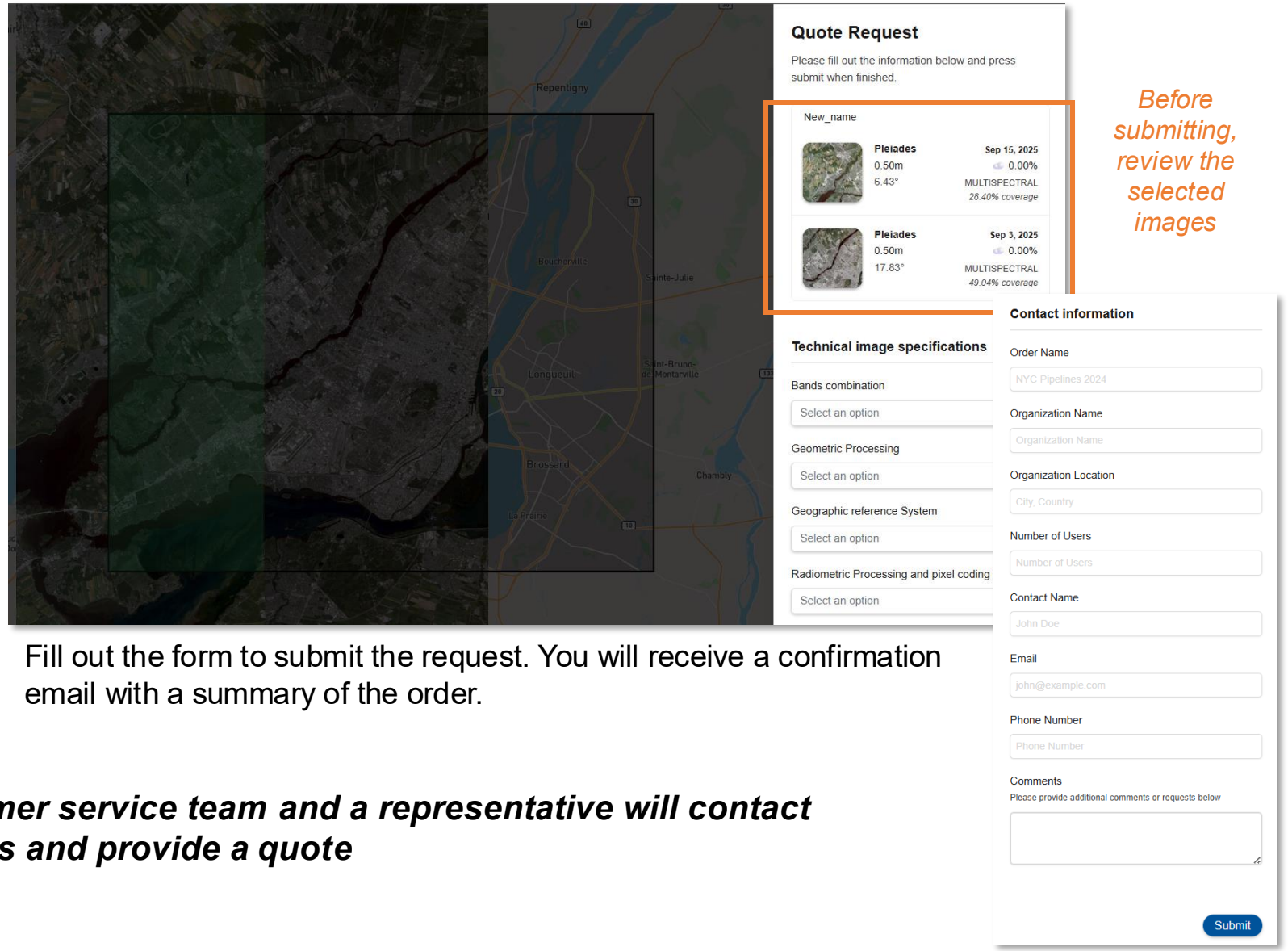
- Geojson of all AOI
- Geojson by sensor
- Geojson for all sensors
- A folder for each AOI

Managing your cart

Submit your request

Once ready to place your request, click on the cart





Before submitting, review the selected images

Fill out the form to submit the request. You will receive a confirmation email with a summary of the order.

Your request will be sent to the customer service team and a representative will contact you shortly to confirm the order details and provide a quote

Request a new acquisition

Tasking request

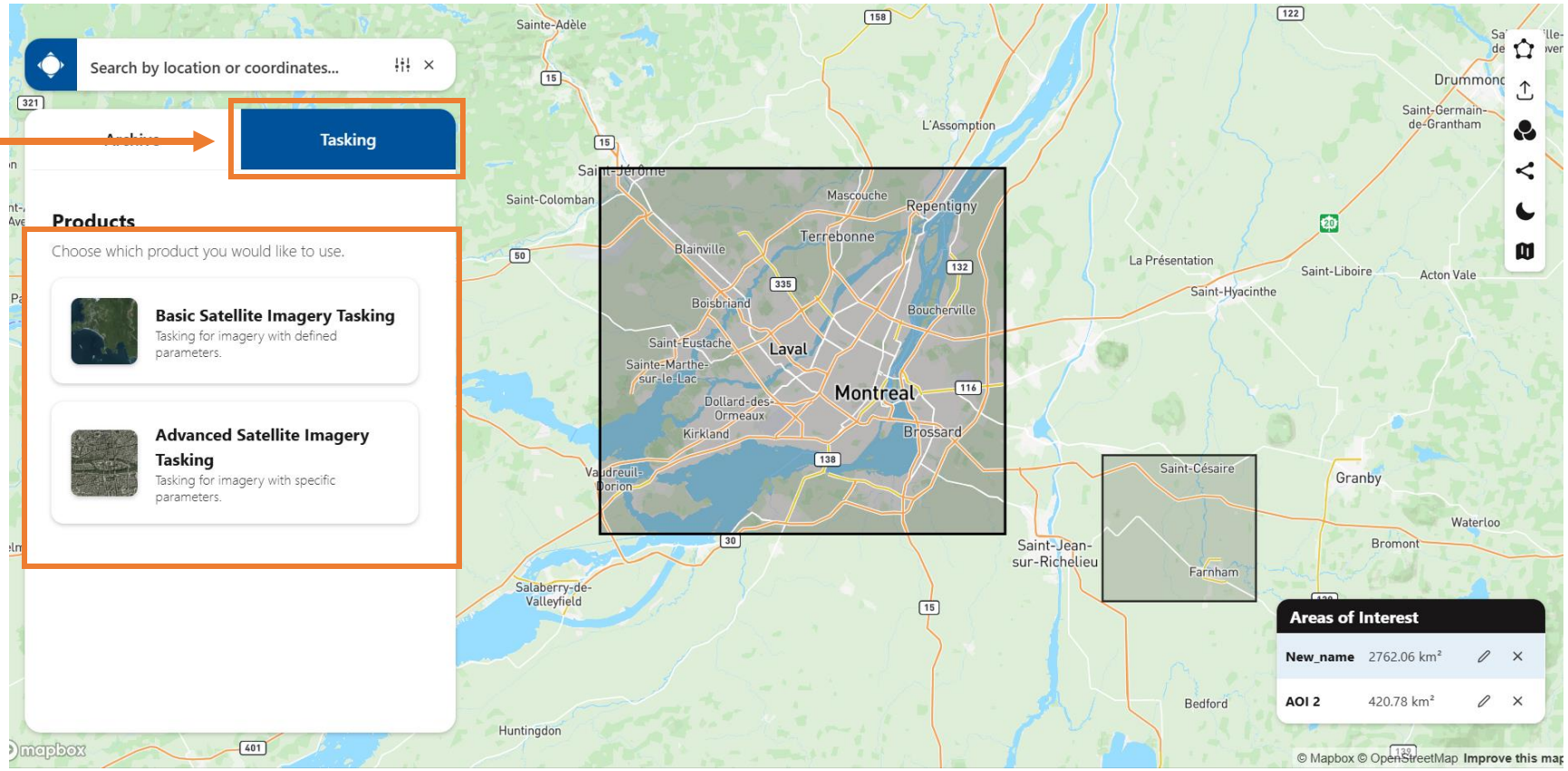
To request a tasking over your area of interest, select the AOI in the list (highlighted in blue) and click on the Tasking tab

Two options are available

If you are not familiar with tasking programming, use the *Basic Satellite Imagery Tasking* option

If you are knowledgeable in satellite imagery tasking, use the *Advanced Satellite Imagery Tasking* option

In either case, a representative can guide you towards a successful acquisition.

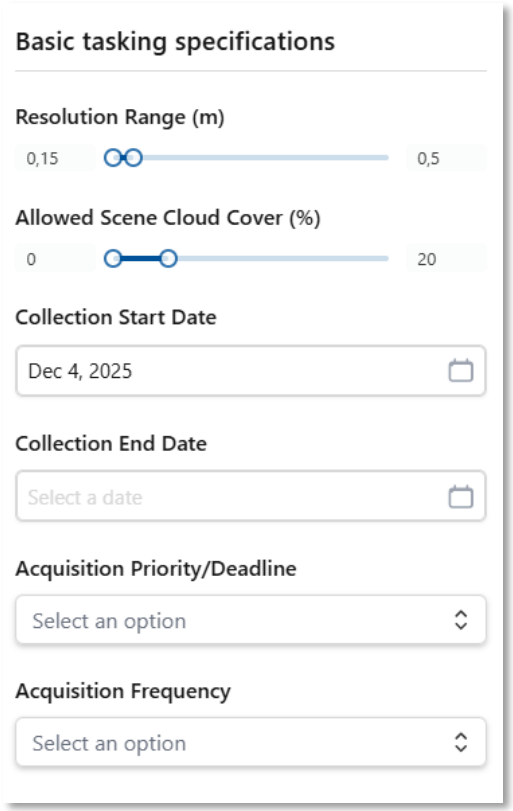


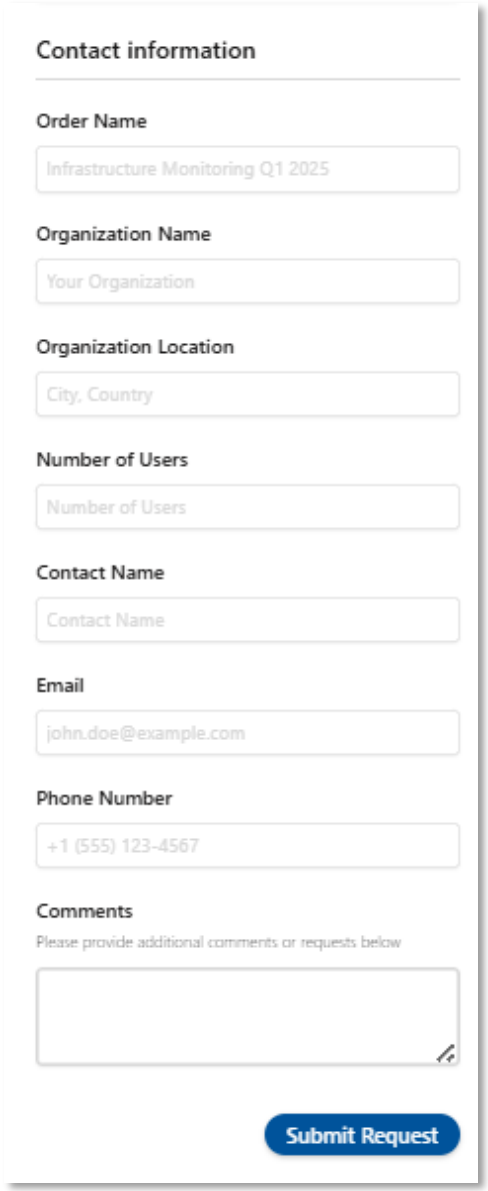
Basic Satellite Imagery Tasking

Fill out the simplified form

The resolution, the time span, and the cloud cover percentage are important specifications that impact the success of a new acquisition

By clicking on **Submit Request** a confirmation email will be sent to you with a summary of the entered specifications as well as a package containing the AOI in format Geojson





By providing your contact details, a representative will contact you quickly to determine the best settings that meet your needs and maximize the chances of success of the tasking.

Advanced Satellite Imagery Tasking

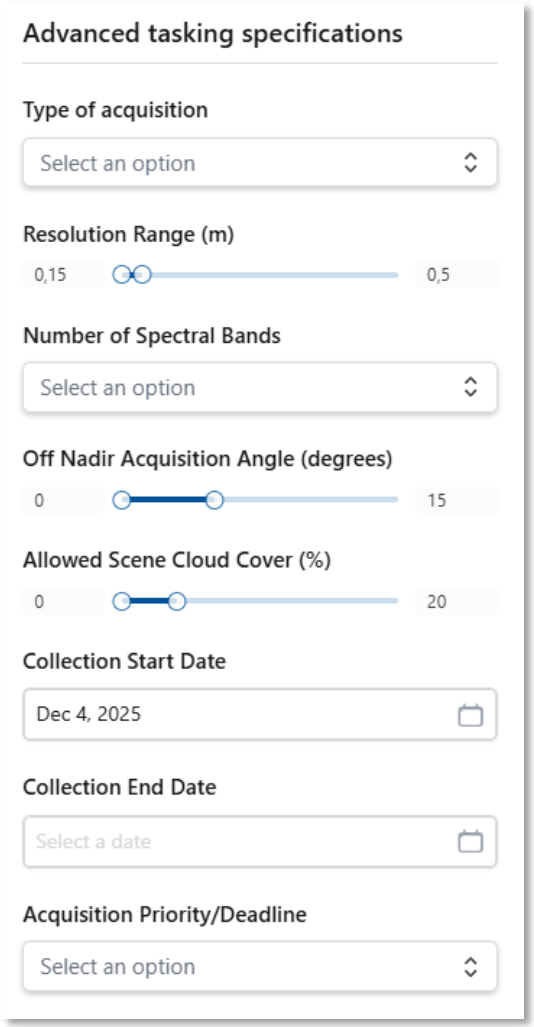
Fill out the detailed form

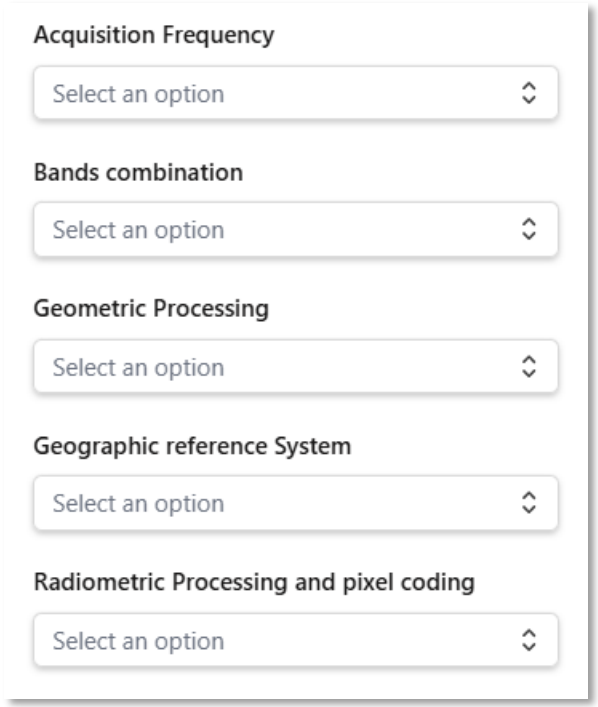
Fill out the detailed form to the best of your knowledge. No fields are mandatory in the *Advanced tasking specifications* section

The detailed form allows for a better definition of the expected image format.

If you have any questions about the various specifications, please contact us

By clicking on **Submit Request** a confirmation email will be sent to you with a summary of the entered specifications as well as a package containing the AOI in format Geojson





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