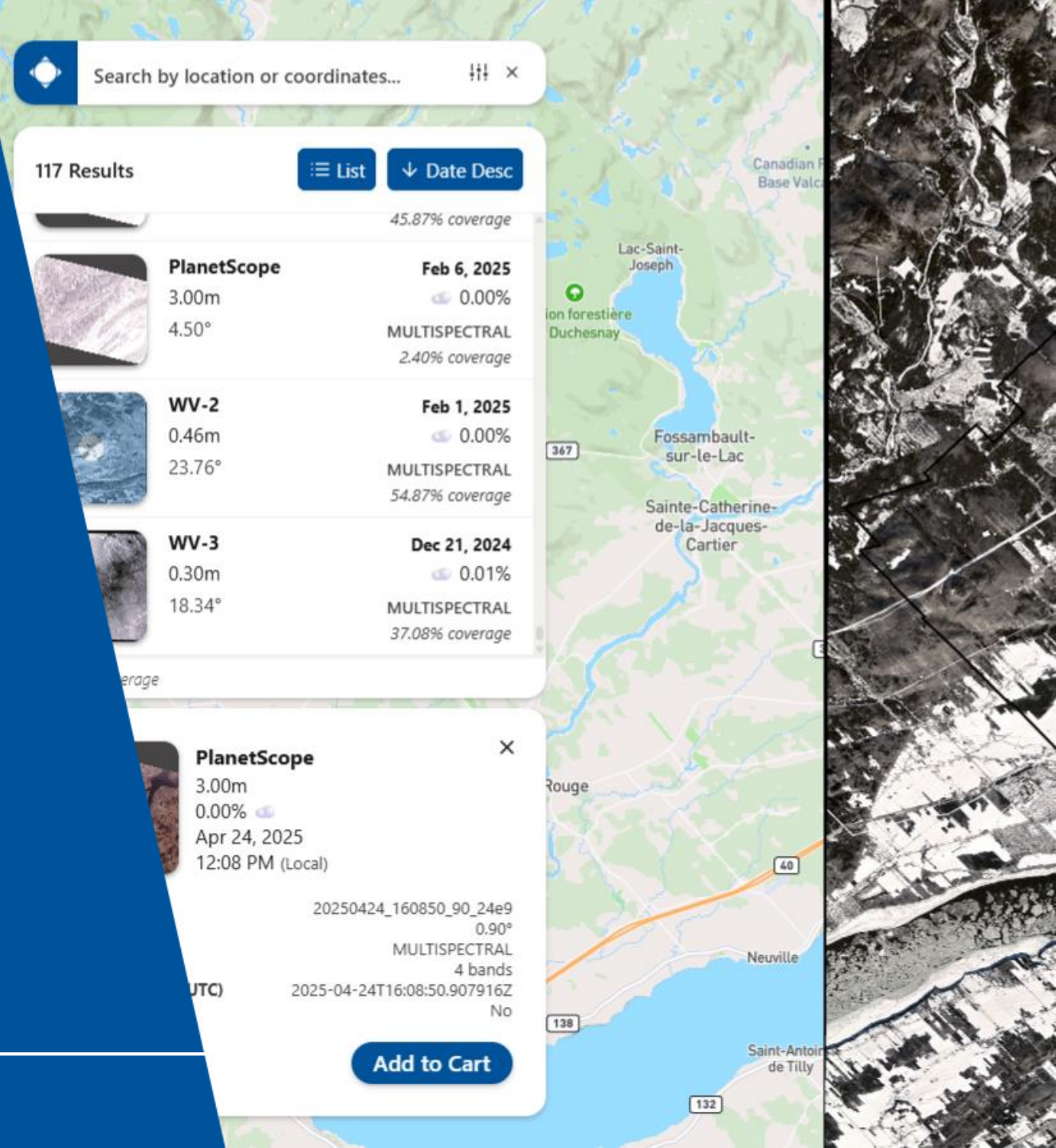




Can-X Terra

Cansel Satellite Imagery Ordering Platform



Getting started



Search by location

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



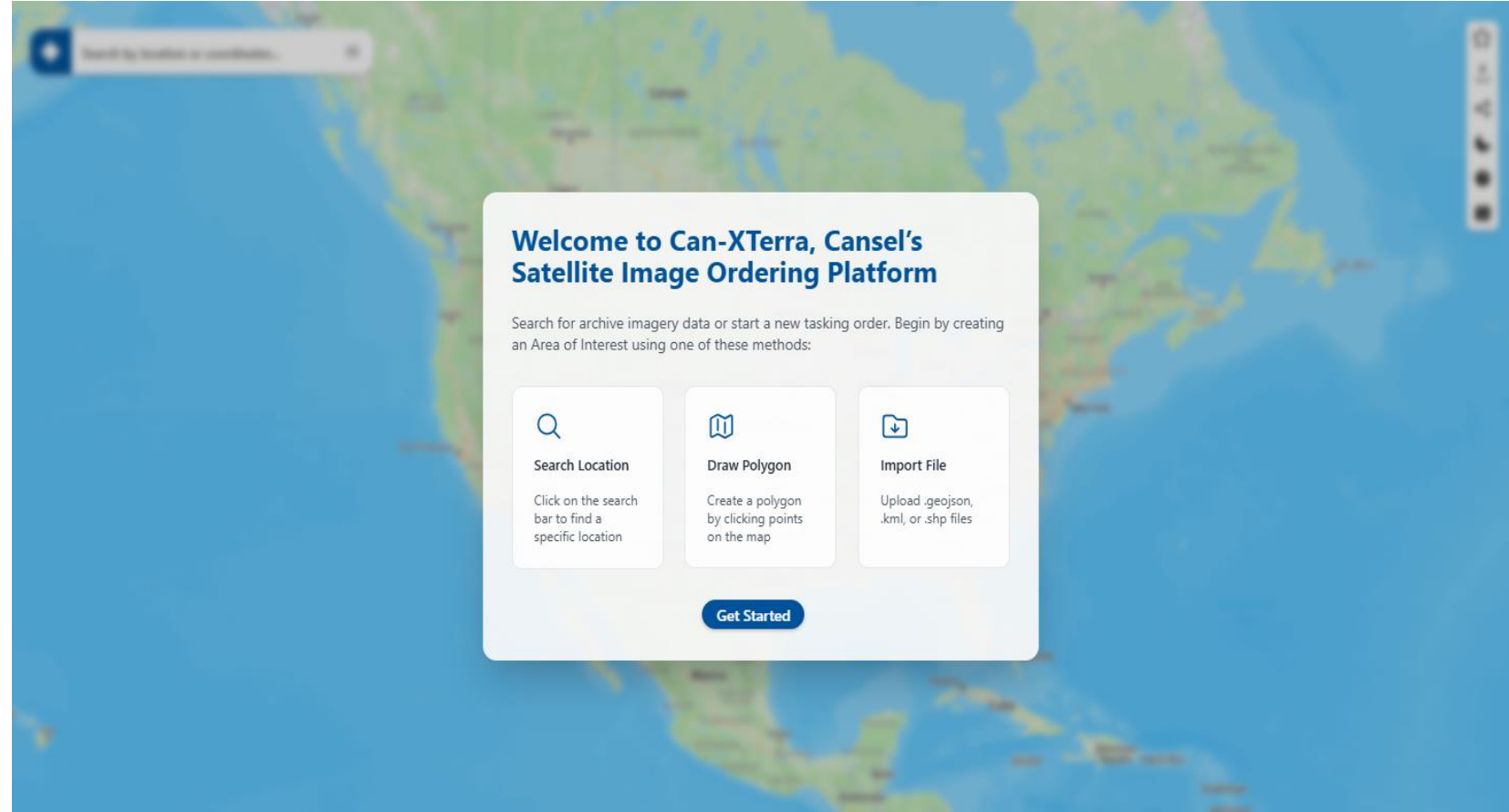
Draw a polygon

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



Draw a polygon

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



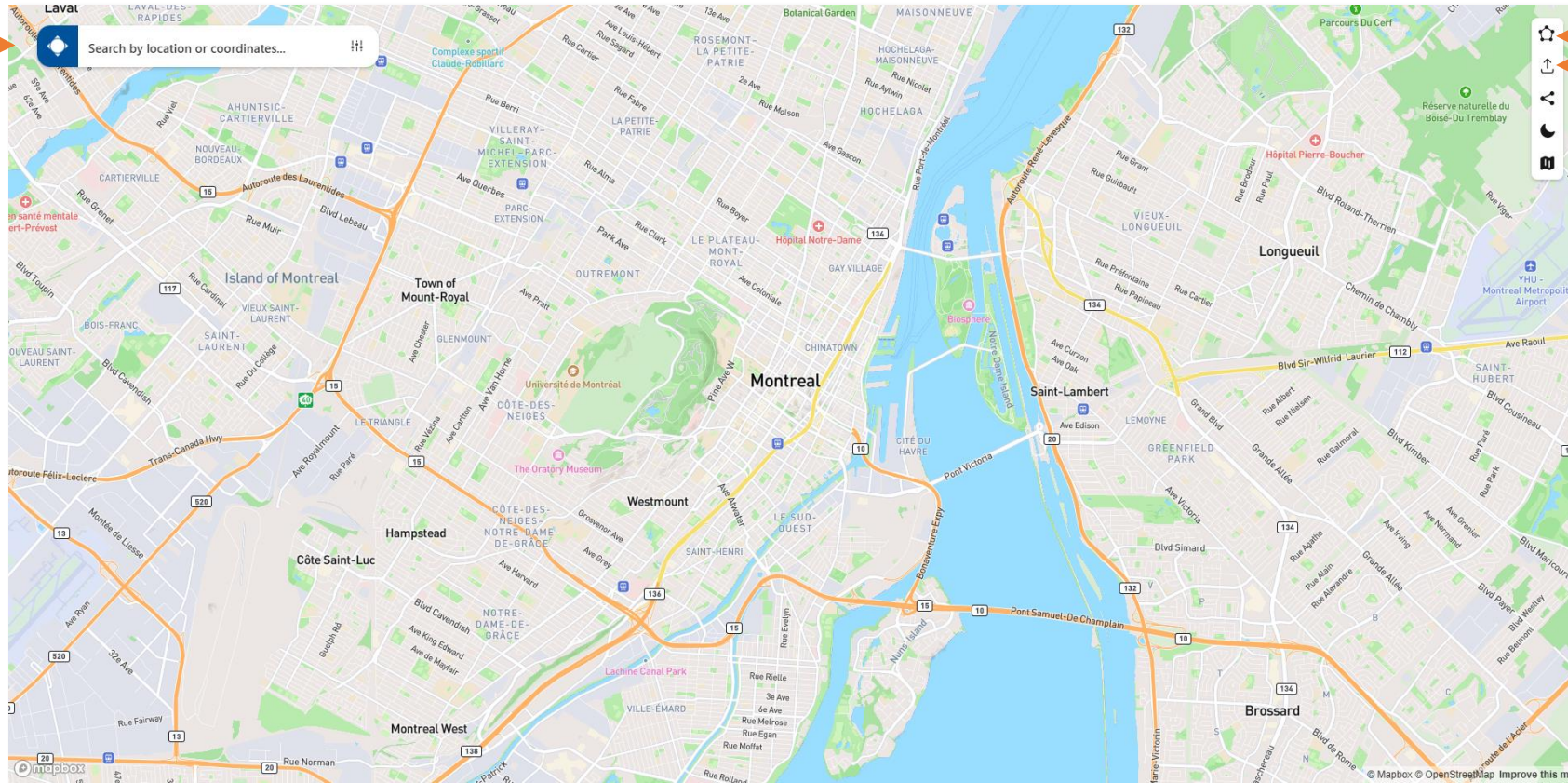
Import a file

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

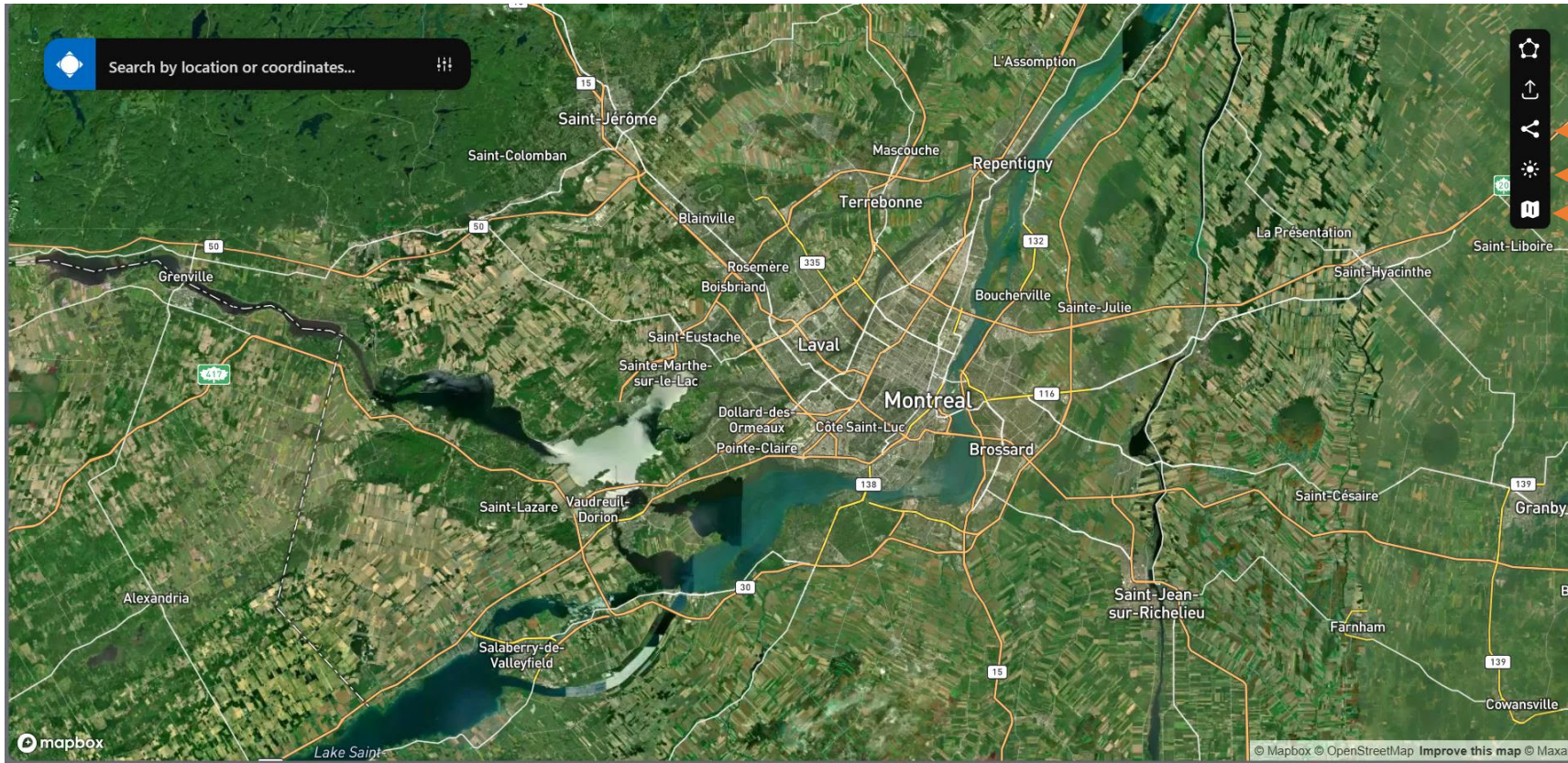


Search by location

Enter the address of the area of interest



Other available tools



Share result

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



Dark mode

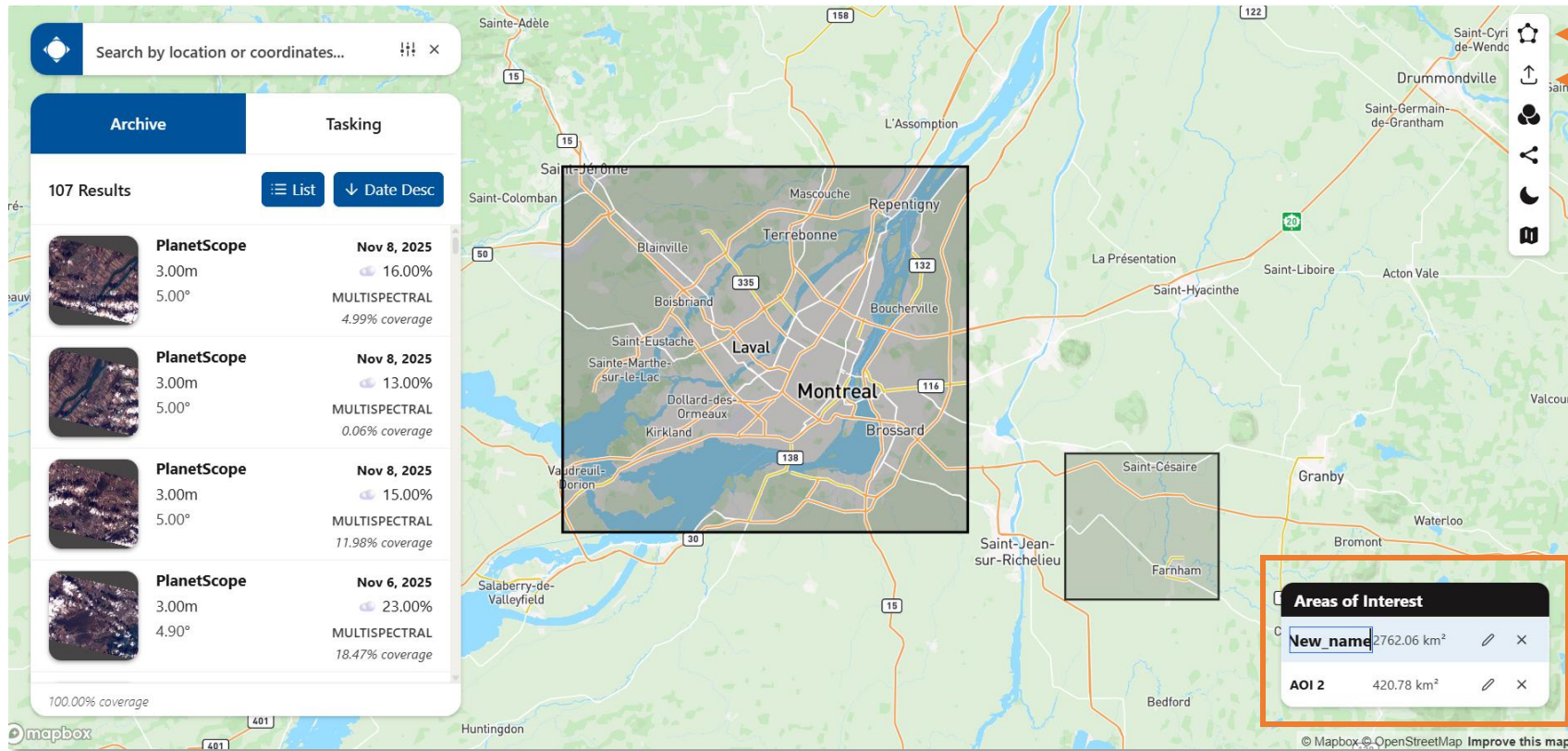
Change the appearance of the user interface



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*

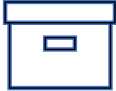
By clicking on the pencil, you will be able to edit the shape of the area of interest

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

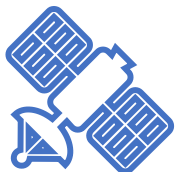
You can sort the acquisitions according to several parameters using the drop-down list Date Desc

The screenshot displays the Can-Learn web application interface. On the left, a sidebar contains a search bar and a list of Areas of Interest (AOIs). The 'Archive' tab is selected, showing 107 results. The results are displayed in a list view, showing thumbnails of satellite images and their metadata. A callout box points to the search bar with the text: "For a more refined search, please use the filters tab". Another callout box points to the 'List' button with the text: "You can change the display of the results between a List (include thumbnails) or a Table". A third callout box points to the 'Date Desc' button with the text: "You can sort the acquisitions according to several parameters using the drop-down list". The main map area shows a map of Montreal and surrounding areas, with a black rectangle highlighting the AOI selected in the sidebar. The AOI is labeled 'AOI 2' and has an area of 420.78 km². The sidebar also shows 'New_name' with an area of 2762.06 km². The bottom right corner of the map shows the Mapbox logo and the text '© Mapbox © OpenStreetMap Improve this map'.

PlanetScope	Nov 8, 2025	16.00%
3.00m	MULTISPECTRAL	4.99% coverage
5.00°		
PlanetScope	Nov 8, 2025	13.00%
3.00m	MULTISPECTRAL	0.06% coverage
5.00°		
PlanetScope	Nov 8, 2025	15.00%
3.00m	MULTISPECTRAL	11.98% coverage
5.00°		
PlanetScope	Nov 6, 2025	23.00%
3.00m	MULTISPECTRAL	18.47% coverage
4.90°		

100.00% coverage

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.



The screenshot shows a web application for searching satellite imagery. A search bar at the top left contains the text "Search by location or coordinates...". Below it, a filter panel is open, displaying various settings. The "Imagery Source" section has "Pleiades" selected under the "Airbus" category. The "Resolution (m)" slider is set to 0.5. The "Off Nadir Angle (degrees)" slider is set to 25. The "Cloud Cover (%)" slider is set to 25. The "Coverage Percentage (%)" slider is set to 100. The "Start Date" is set to "Jun 3, 2025" and the "End Date" is set to "Dec 3, 2025". There are checkboxes for "Stereo Pair Only" and "SWIR Only", both of which are currently unchecked. A blue "Apply Filters" button is at the bottom of the filter panel. The background is a map of the Montreal area, with a black rectangular box highlighting a specific urban area. An orange callout box with a white background and orange border is overlaid on the bottom right of the map, containing the text: "When the configuration is done, click on Apply Filters, this will refresh your search". Orange arrows point from the text in the callout box to the "Apply Filters" button and the highlighted area on the map.

Search by location or coordinates...

Imagery Source select all

Planet skySat PlanetScope

Airbus Pleiades PNEO SPOT

Maxar WV-4 WV-3 WV-2 WV-1 GeoEye

Legion Ikonos QuickBird

Resolution (m) 0 0.5

Off Nadir Angle (degrees) 0 25

Cloud Cover (%) 0 25

Coverage Percentage (%) 0 100

Start Date Jun 3, 2025 End Date Dec 3, 2025

Stereo Pair Only ☐ Show only stereo pair imagery

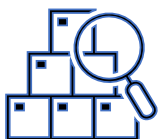
SWIR Only ☐ Show only SWIR imagery

Apply Filters

When the configuration is done, click on Apply Filters, this will refresh your search

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

The screenshot displays a web application interface for searching satellite imagery. At the top, there is a search bar labeled "Search by location or coordinates...". Below the search bar, there are two tabs: "Archive" and "Tasking". The "Archive" tab is selected, showing a list of 29 results. The results are displayed in a table format, with columns for a thumbnail, sensor name, spatial resolution, angle off nadir, acquisition date, spectral bands, and cloud coverage. The results are sorted by date in descending order. The first result is from September 9, 2025, with a spatial resolution of 0.50m and 9.80% cloud coverage. The second result is from September 3, 2025, with a spatial resolution of 0.50m and 10.05% cloud coverage. The third result is from September 3, 2025, with a spatial resolution of 0.50m and 39.63% cloud coverage. The fourth result is from September 3, 2025, with a spatial resolution of 0.50m and 4.40% cloud coverage. The fifth result is from August 31, 2025, with a spatial resolution of 0.50m and 99.92% cloud coverage. The results are for the Pleiades satellite. To the right of the list, there is a map showing the geographic area of interest (AOI) with a green polygon overlay. The map includes labels for various locations such as Saint-Jérôme, Blainville, Rosemère, Boisbriand, Saint-Eustache, Sainte-Marthe-sur-le-Lac, Laval, Montreal, Brossard, and Repentigny. Two orange arrows point from the text below to the map, indicating the AOI.

Thumbnail	Sensor name	Spatial resolution (m)	Angle off nadir	Acquisition date	Spectral bands	% Cloud coverage
	Pleiades	0.50m	17.96°	Sep 9, 2025	MULTISPECTRAL	9.80%
	Pleiades	0.50m	19.17°	Sep 3, 2025	MULTISPECTRAL	10.05%
	Pleiades	0.50m	17.83°	Sep 3, 2025	MULTISPECTRAL	39.63%
	Pleiades	0.50m	21.09°	Sep 3, 2025	MULTISPECTRAL	4.40%
	Pleiades	0.50m	21.09°	Aug 31, 2025	MULTISPECTRAL	99.92%

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.

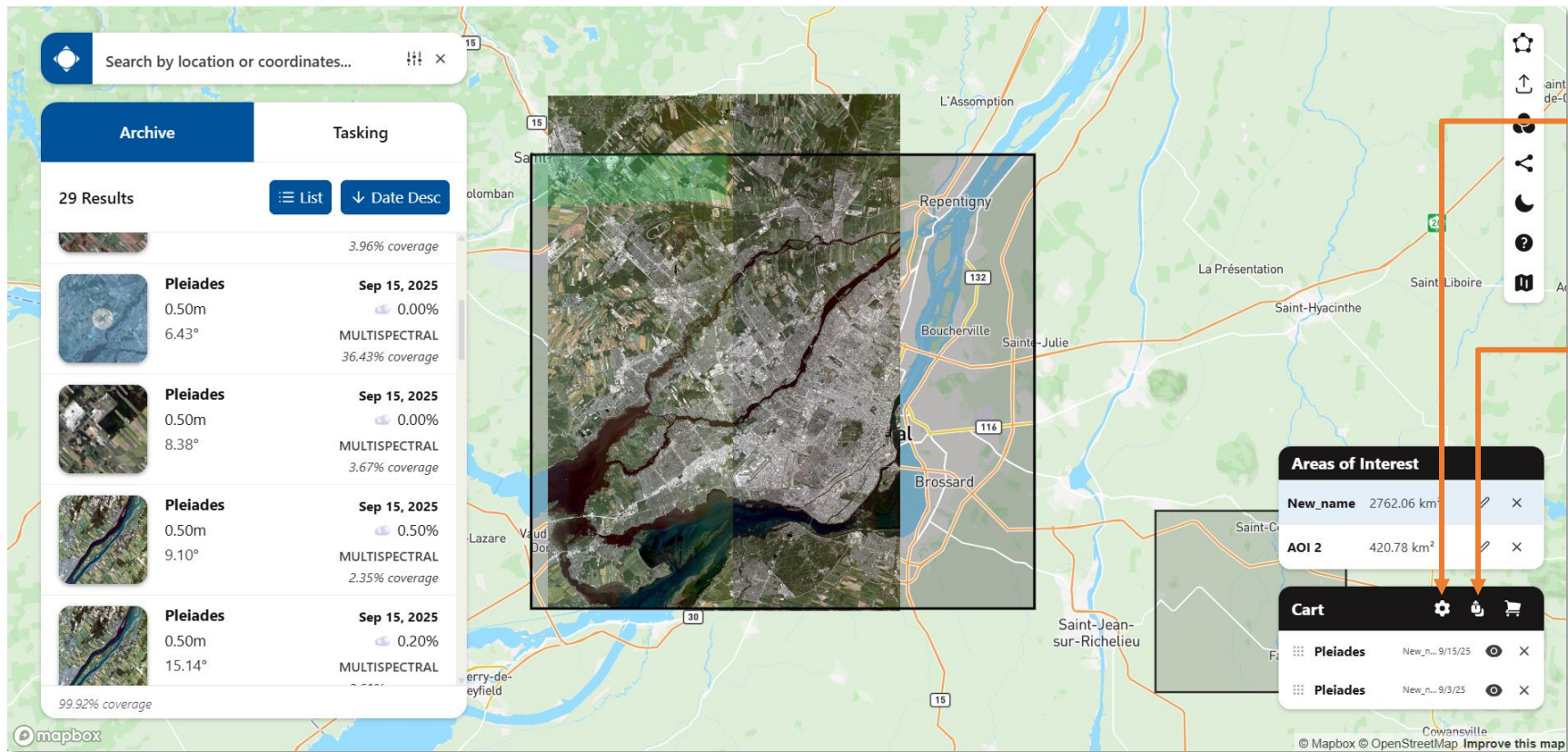
By clicking on the thumbnail, the preview will appear on the view, and the image will be added to the cart

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

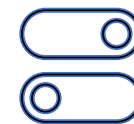
The screenshot displays the Pleiades satellite imagery interface. At the top, there is a search bar labeled "Search by location or coordinates...". Below it, a panel shows "29 Results" with a "List" button and a "Date Desc" sort option. A thumbnail of a satellite image is visible. To the right, a map shows the search area with a red rectangle indicating the selected image's footprint. Below the map, a detailed preview of the selected image is shown, including its metadata: "Pleiades", "0.50m", "Sep 3, 2025", "3:49 PM (UTC)", "17.83°", "0.00%", "MULTISPECTRAL", "4 bands", "2025-09-03T15:49:20.18Z", and "No". A "Remove from Cart" button is at the bottom of the preview. On the right side of the map, there is a "Cart" panel showing "Areas of Interest" with a table of selected areas. The table has columns for "New_name", "Area", and "Date". The first row is "New_name" with an area of "2762.06 km²" and a date of "9/3/25". The second row is "AOI 2" with an area of "420.78 km²" and a date of "9/3/25". The "Cart" panel also shows a "Pleiades" image with a date of "New_n... 9/3/25". An orange arrow points to the "Remove from Cart" button in the preview panel, and another orange arrow points to the "X" icon in the "Cart" panel, indicating how to remove or hide selected images.

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

Cart options and exporting results



The screenshot displays the Can-Learn interface. On the left, there is a search bar and a list of 29 results. The results are filtered by 'Pleiades' and show four items with their respective coverage percentages and dates. The main map area shows a satellite view of a region with a black rectangle indicating the selected Area of Interest (AOI). On the right, there is a 'Tasking' section and a 'Cart' section. The 'Cart' section shows a list of items, including 'Pleiades' and 'AOI 2'. The 'AOI 2' entry shows a coverage of 420.78 km². The 'Cart' section also includes a 'Settings' icon and a 'Download' icon.



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

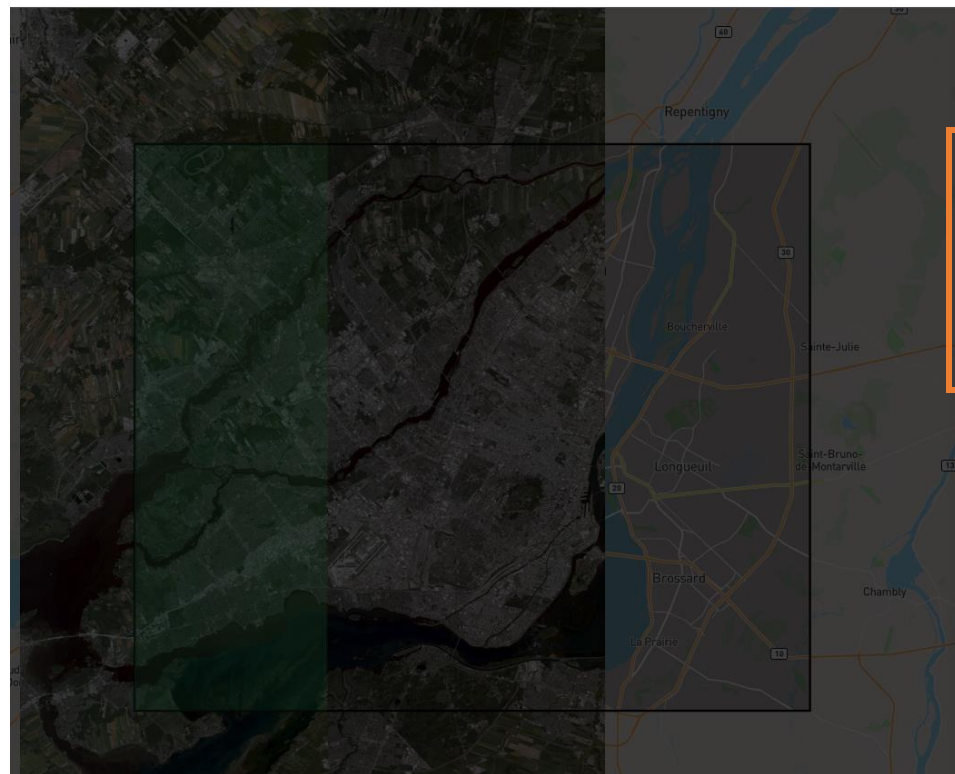
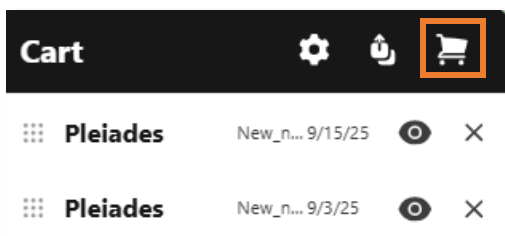
📁 New_name	Dossier de fichiers	
📄 all_sensors.geojson	Fichier GEOJSON	3 Ko
📄 AOIs.geojson	Fichier GEOJSON	1 Ko
📄 phr.geojson	Fichier GEOJSON	3 Ko

Managing your cart



Submit your request

Once ready to place your request, click on the cart



Quote Request

Please fill out the information below and press submit when finished.

New_name		
	Pleiades 0.50m 6.43°	Sep 15, 2025 0.00% MULTISPECTRAL 28.40% coverage
	Pleiades 0.50m 17.83°	Sep 3, 2025 0.00% MULTISPECTRAL 49.04% coverage

Technical image specifications

Bands combination
Select an option

Geometric Processing
Select an option

Geographic reference System
Select an option

Radiometric Processing and pixel coding
Select an option

Contact information

Order Name
NYC Pipelines 2024

Organization Name
Organization Name

Organization Location
City, Country

Number of Users
Number of Users

Contact Name
John Doe

Email
john@example.com

Phone Number
Phone Number

Comments
Please provide additional comments or requests below

Submit

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.

Search by location or coordinates...

Tasking

Products

Choose which product you would like to use.

Basic Satellite Imagery Tasking
Tasking for imagery with defined parameters.

Advanced Satellite Imagery Tasking
Tasking for imagery with specific parameters.

Areas of Interest

New_name	2762.06 km ²		
AOI 2	420.78 km ²		

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

Basic tasking specifications

Resolution Range (m)

0,15  0,5

Allowed Scene Cloud Cover (%)

0  20

Collection Start Date

Dec 4, 2025 

Collection End Date

Select a date 

Acquisition Priority/Deadline

Select an option 

Acquisition Frequency

Select an option 

Contact information

Order Name

Infrastructure Monitoring Q1 2025

Organization Name

Your Organization

Organization Location

City, Country

Number of Users

Number of Users

Contact Name

Contact Name

Email

john.doe@example.com

Phone Number

+1 (555) 123-4567

Comments

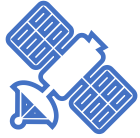
Please provide additional comments or requests below



Submit Request

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

Advanced tasking specifications

Type of acquisition

Select an option

Resolution Range (m)

0,15 0,5

Number of Spectral Bands

Select an option

Off Nadir Acquisition Angle (degrees)

0 15

Allowed Scene Cloud Cover (%)

0 20

Collection Start Date

Dec 4, 2025

Collection End Date

Select a date

Acquisition Priority/Deadline

Select an option

Acquisition Frequency

Select an option

Bands combination

Select an option

Geometric Processing

Select an option

Geographic reference System

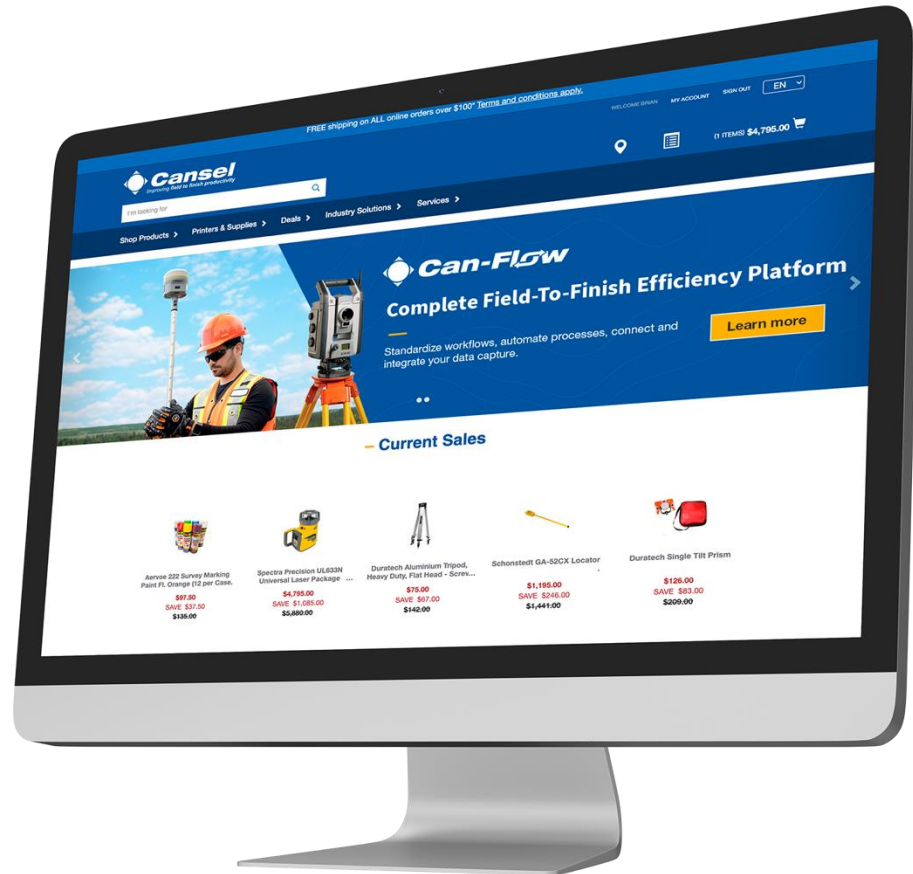
Select an option

Radiometric Processing and pixel coding

Select an option

Shop online at cansel.ca

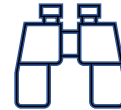
Easy to use, easy to buy



Providers currently available



- Airbus
- MAXAR
- Planet



Search, browse and compare products.



Get online exclusive offers and promotions

Thank you!

Your Earth Observation Team

Email: cansel_info_eo-ot@cansel.ca

Website: <https://www.cansel.ca/industries-technologies/technologies/earth-observation>