



GEOSTORE TUTORIAL
AND
METHODOLOGY OF SATELLITES
IMAGES ORDER

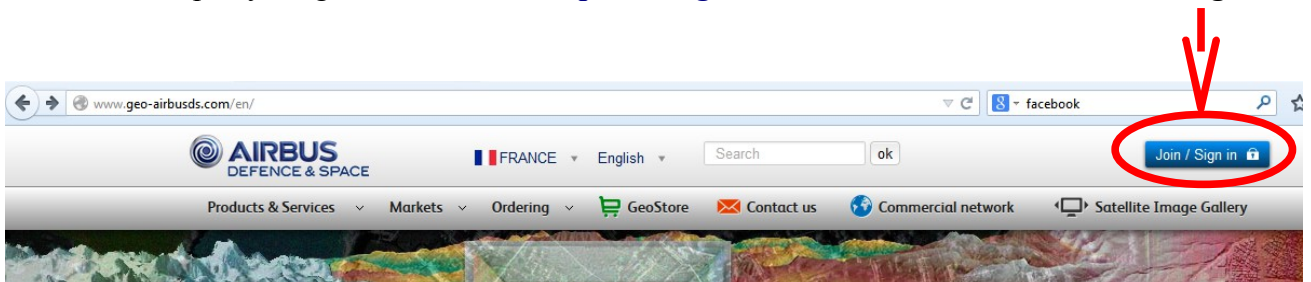
(REDD+ training session)

Objectives:

- Know how to use *GEOSTORE Catalog*.
- Define the priority of the satellites images (date, cloud cover...)
- Know how to export, view and select the satellites images with Q-GIS.
- Know what to do after the satellites images selection.

1. USING OF THE GEOSTORE CATALOG

- Open your geostore account: <http://www.geo-airbusds.com> and click on *Join / Sign in*.



- Enter your login and password:

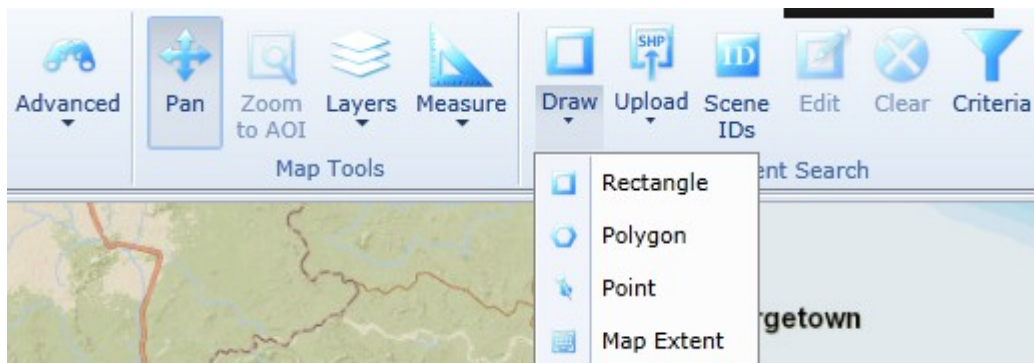
- Click on the **GeoStore** tab:



- Click on *Browse or Order*:




- With your mouse, zoom on your country (or state...)
- Choose the tool *Draw / Polygon*



and draw the outline of your country (double-click to stop).



- Click on the button **Criteria**  and, in the **Filtres par produit ou archive** tab, exclude all the selected entities unless **SPOT 10-m Colour** and **SPOT 5-m B&W**.

- To classify images according to their priority (date then cloud cover then Landsat images), we first select the satellites images of 2014 with 20% of cloud cover, then with 40% of cloud cover and with 60% of cloud cover. Idem with 2013 then 2012. Choose your criteria in the **General** tab:

Plage d'acquisition

Plage simple
 Plage saisonnière
 Désactivé

Begin End

Métadonnées globales

Critères Optiques

Résolution 0m - 40m

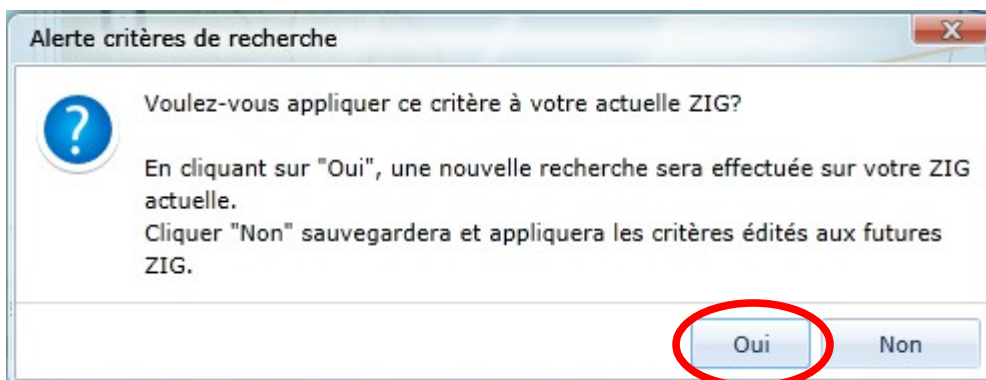
Couvert nuageux 0% - 20% Valeur inconnue comprise

Couvert neigeux 0% - 100% Valeur inconnue comprise

Angle d'incidence 0° - 32° Valeur inconnue comprise

angle of incidence (angle d'incidence): 32% (maximum angle of SPOT 5).

- Click on **Apply** and **Yes (Oui)**.



- Wait the results a moment and watch them on the map and in the **Search Results** window. Click on **export scene information**:



Résultats trouvés: 141

Basket	Info	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Product	Resolution (m)	Cloud
		<input checked="" type="checkbox"/>	<input type="checkbox"/>	SPOT 10-m Colour	10	4
		<input checked="" type="checkbox"/>	<input type="checkbox"/>	SPOT 10-m Colour	10	8
		<input checked="" type="checkbox"/>	<input type="checkbox"/>	SPOT 10-m Colour	10	4
		<input checked="" type="checkbox"/>	<input type="checkbox"/>	SPOT 10-m Colour	10	1
		<input checked="" type="checkbox"/>	<input type="checkbox"/>	SPOT 10-m Colour	10	1
		<input checked="" type="checkbox"/>	<input type="checkbox"/>	SPOT 10-m Colour	10	13
		<input checked="" type="checkbox"/>	<input type="checkbox"/>	SPOT 10-m Colour	10	14
		<input checked="" type="checkbox"/>	<input type="checkbox"/>	SPOT 10-m Colour	10	7
		<input checked="" type="checkbox"/>	<input type="checkbox"/>	SPOT 10-m Colour	10	10
		<input checked="" type="checkbox"/>	<input type="checkbox"/>	SPOT 10-m Colour	10	10
		<input checked="" type="checkbox"/>	<input type="checkbox"/>	SPOT 10-m Colour	10	7

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- Save the file with a descriptive name in ESRI Shapefile Type:

Nom du fichier :

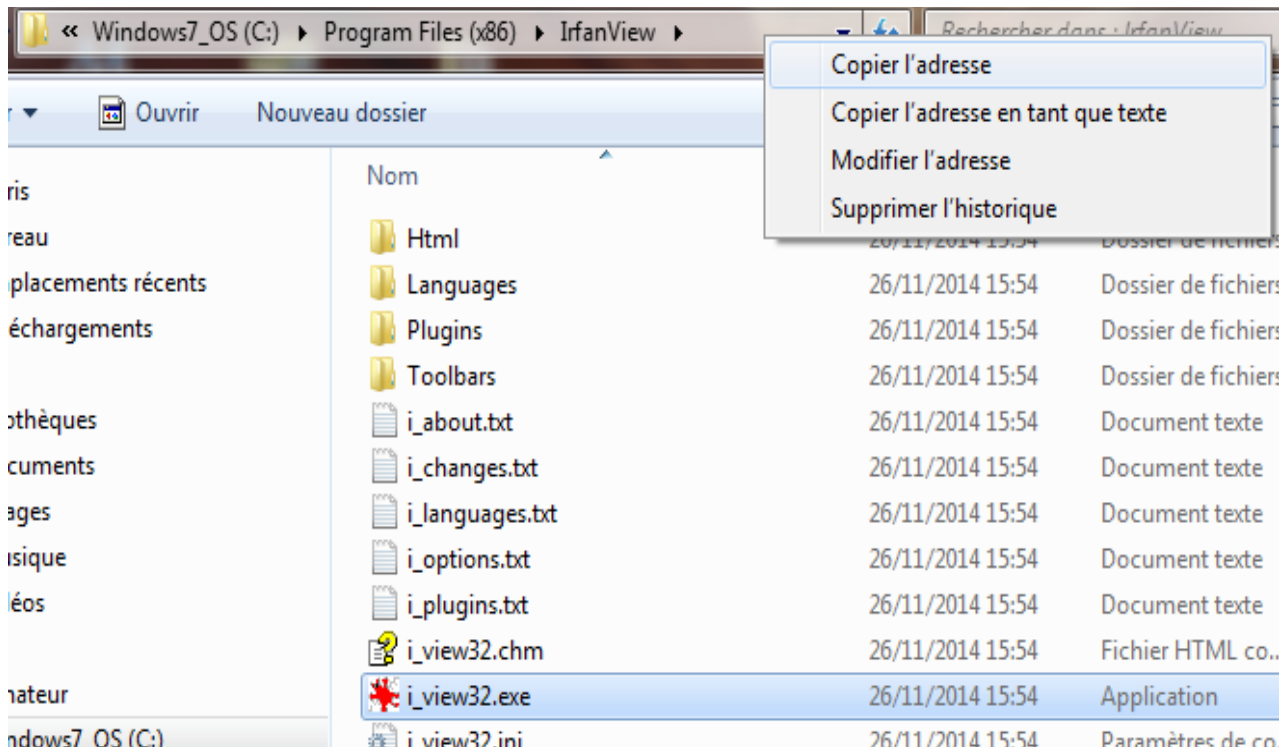
Type :

- Extract the files in **Images_SPOT_2014_20pc.zip** (with 7-Zip).

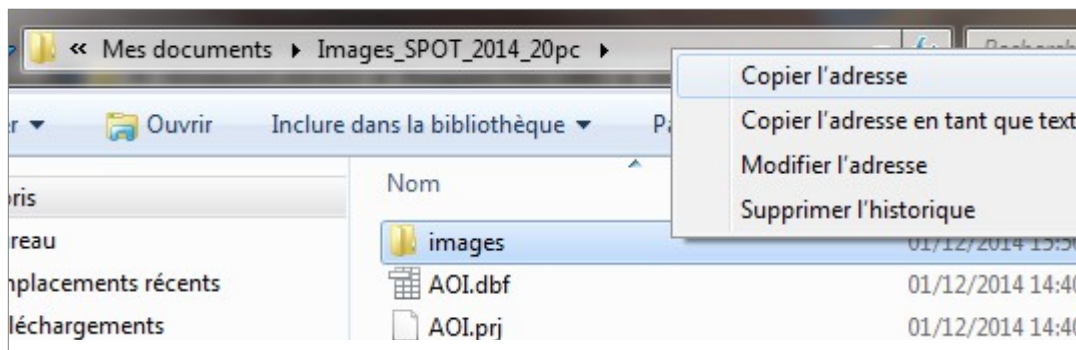
2. Import to Q-GIS and viewing of the images.

- Start Q-GIS 2.6.
- Add the vector layer  **Export.shp** from the file **Images_SPOT_2014_20pc**.
- Double click on the layer and choose the **Action** tab.

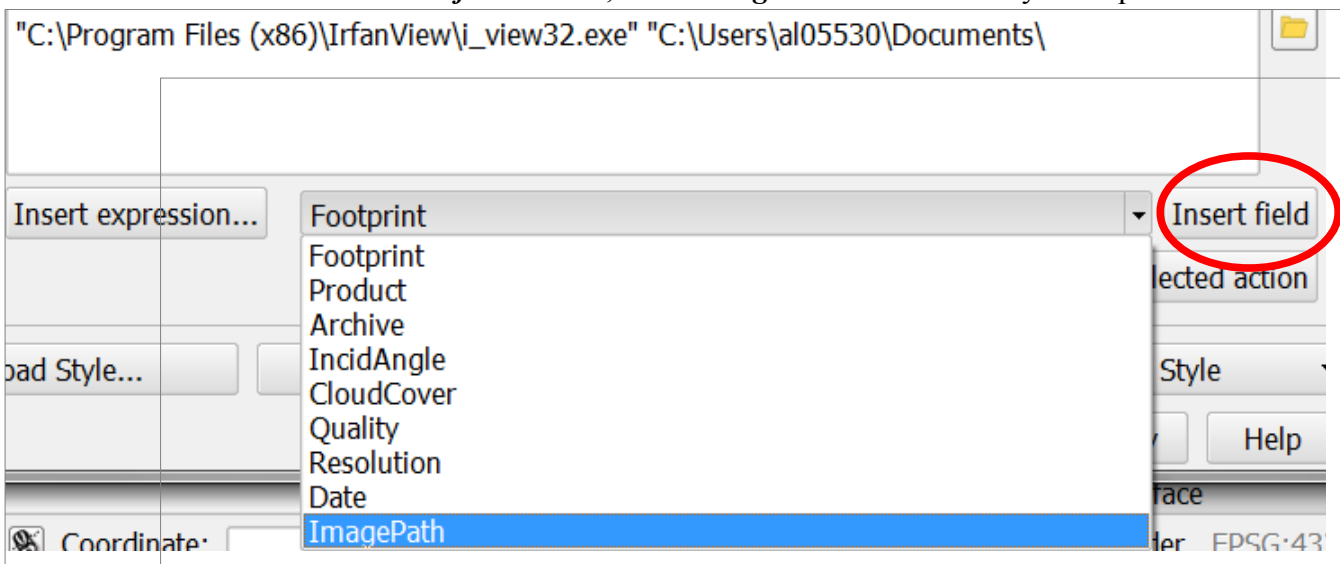
- In the *Action* window and inverted commas, copy and paste the file path of *InfanView* and tape *i_view32.exe*:



- Tape on space bar and, inverted commas, copy and paste the file path of the *Images_SPOT_2014_20pc* file:



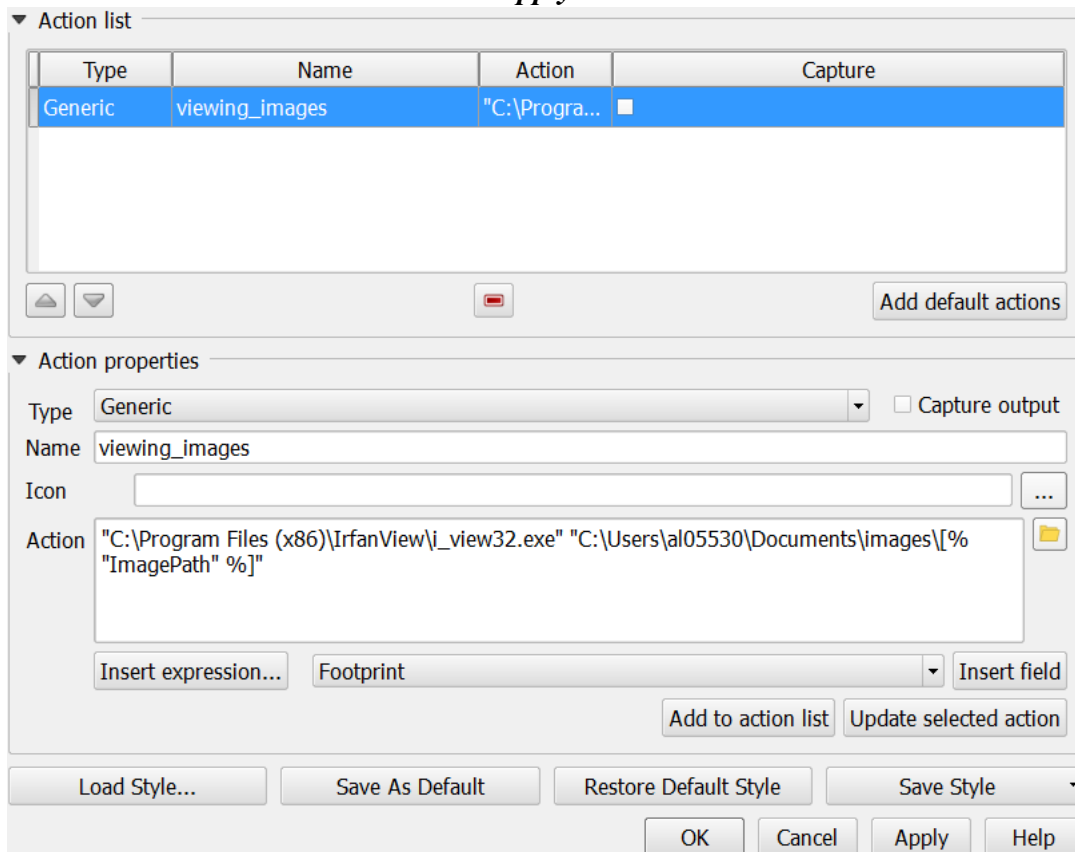
- With the *Insert field* button, insert *ImagePath* at the end of your expression:



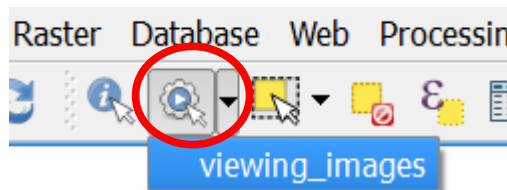
- The final expression is:

"C:\Program Files (x86)\IrfanView\i_view32.exe" "C:\Users\al05530\Documents\images\[%"ImagePath" %]"

- Name your action (viewing_images, for example).
- Click on **Add to action list** then **Apply** and **OK**.

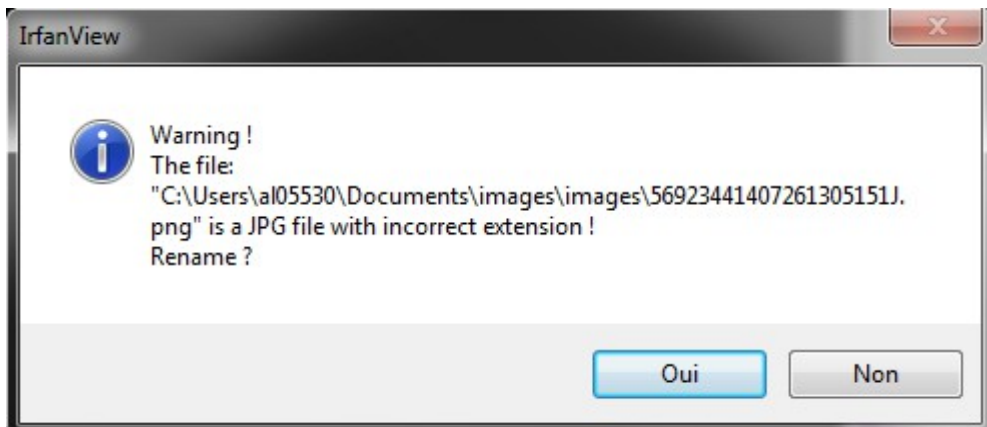


- Now you can watch the images by running your action. In the menu, click on:

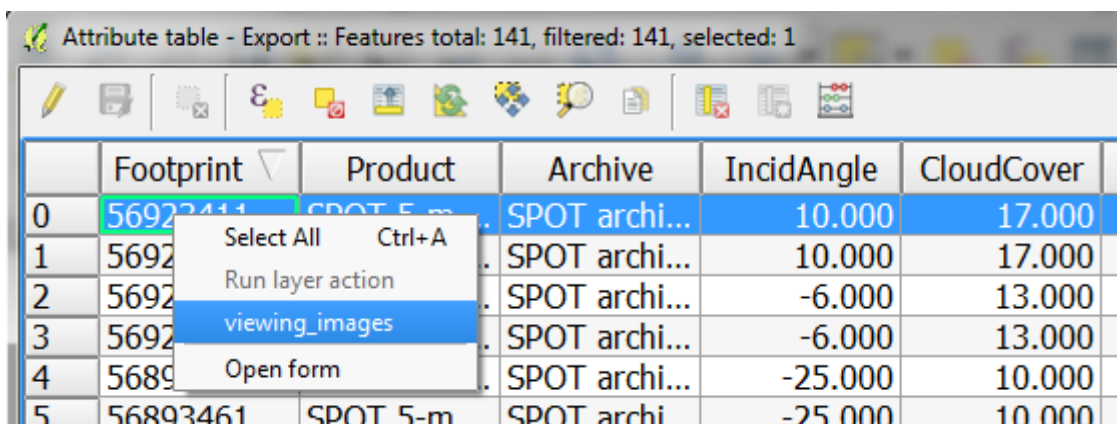




And click on the image you want view.

Important: answer NON to IrfanView message who is displayed.



- To select the interesting images, open the attribute table of the *Export* layer and right click on the line of the first image and choose your action *viewing_images*:



- If the image is not interesting, delete it:
Click on the *Edit mode* button  and delete the image with the *Delete selected feature* button .
- Save the change and close the edit mode when the selection is finished.
- Close Q-GIS and rename the shapefile *Export.shp* → *Images_SPOT_2014_20pc.shp*
- There are nine shapefile to do.
- And finally, send the shapefiles to me by mail!