


QGIS Integration

📅 Updated on 01 Oct 2024 • ⌚ 3 Minutes to read • Contributors 

The SkyDeck QGIS Plugin provides a convenient way to seamlessly integrate your data between the SkyDeck cloud and QGIS application. The plugin connects QGIS to a snapshot on SkyDeck, enabling you to import any 2D map or vector data from SkyDeck and bring it into QGIS. You can also export any changes or new data you've created in QGIS directly to SkyDeck.

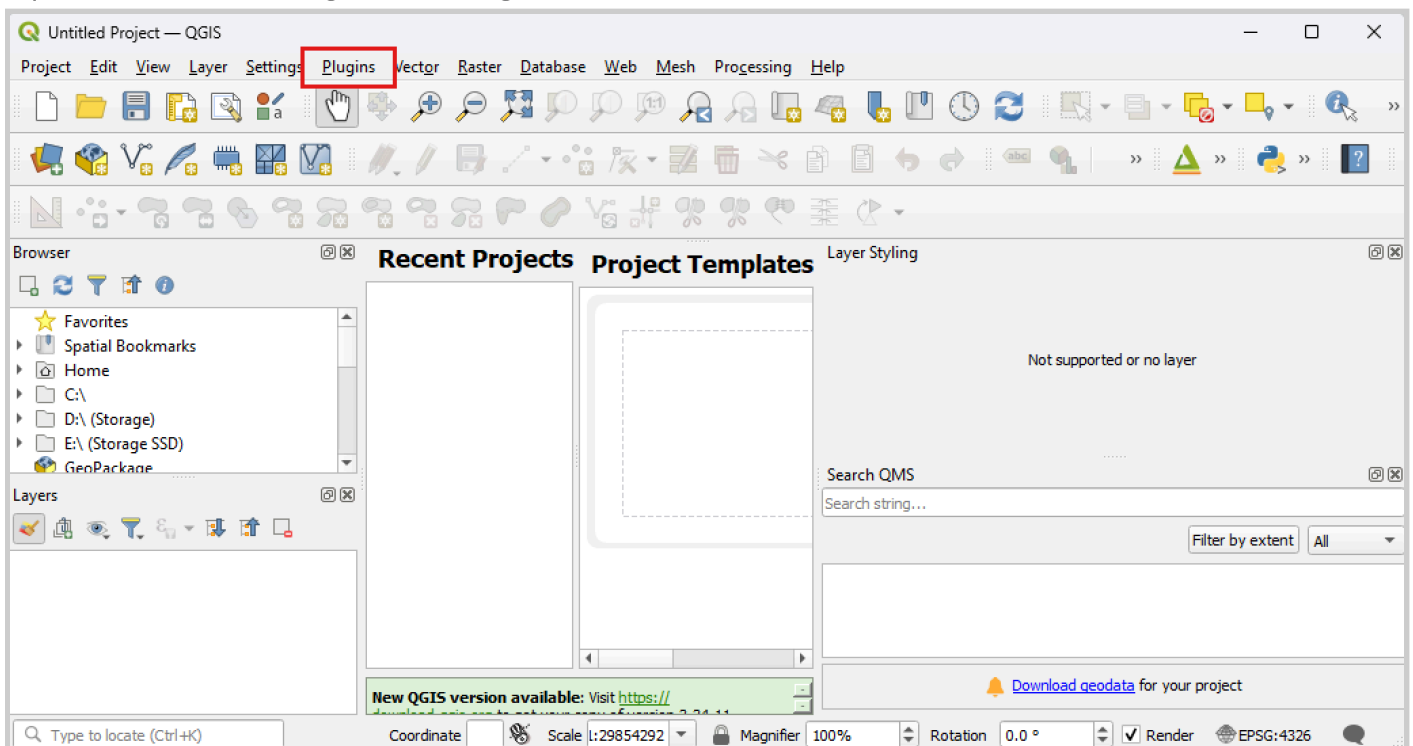
This article covers the following:

- [Installation](#)
- [Getting Started](#)
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- [Troubleshooting and Support](#)

Installing SkyDeck Plugin on QGIS

To install the SkyDeck Plugin:

1. Open QGIS and navigate to **Plugins** menu.



2. Select the **Manage and Install Plugins** option.
3. In the Plugins window, search for **SkyDeck**.
4. Click on the Install option to add the plugin to your QGIS environment.
5. Once Installed, you can find the SkyDeck plugin in the **Plugins** menu.

Getting Started

After installation, you will need to connect the plugin to your SkyDeck account:

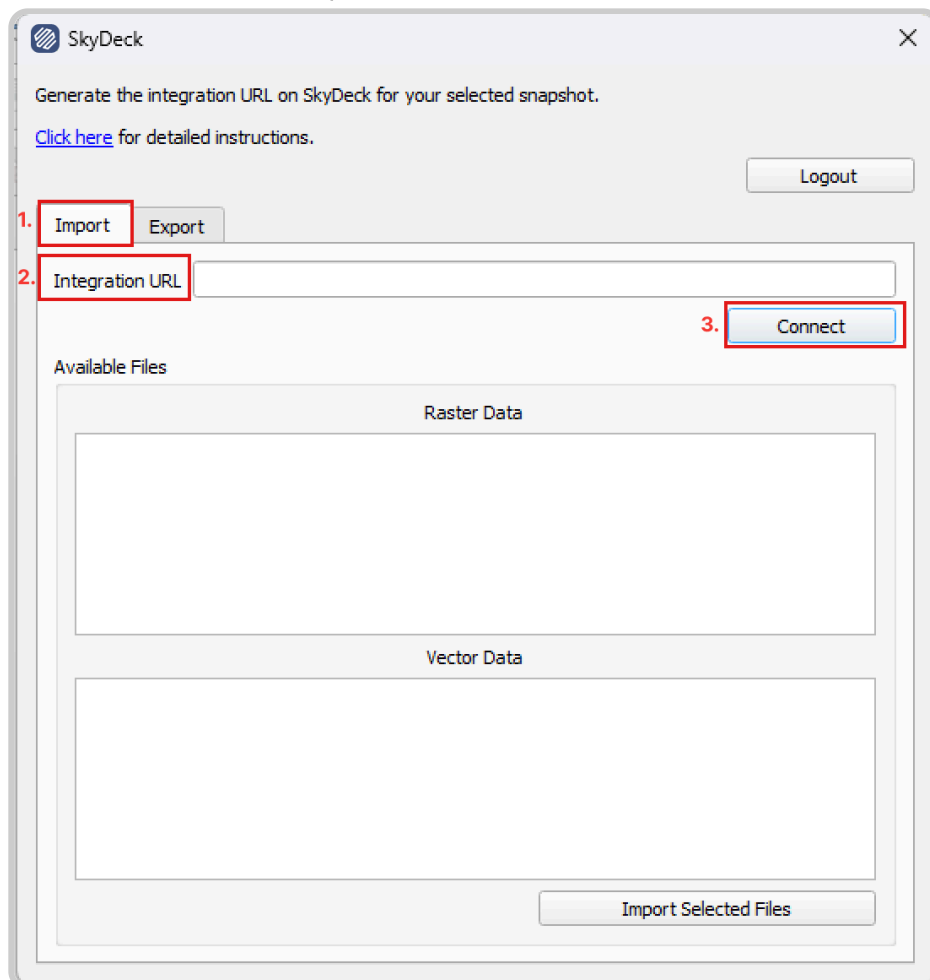
1. Open the SkyDeck QGIS Plugin from the Plugins menu.
2. Enter your SkyDeck account credentials in the login form.
3. Click **Login** to connect.

Don't have a SkyDeck account? [Click here to create a free account](#)

Importing Data

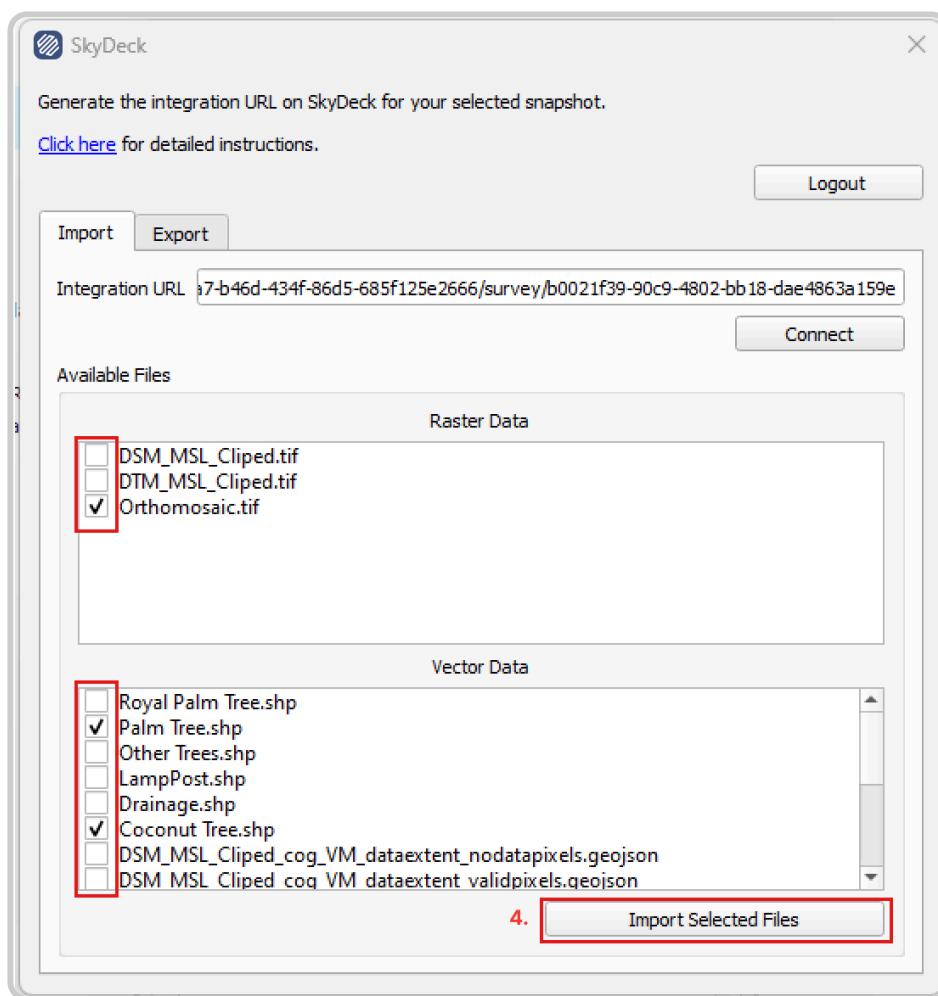
Designed for ease of use and efficiency, the SkyDeck plugin allows you to import 2D layer and overlay data from a snapshot on your SkyDeck account:

1. In the plugin interface, select the **Import** option
2. Copy the URL of the SkyDeck Snapshot that contains the data you want to import. Paste this URL into the **Integration URL** field
3. Click on the **Connect** button to establish a connection between the plugin and the SkyDeck Snapshot. Once connected, the plugin will display a list of available raster and vector data within the selected snapshot.



Connecting to SkyDeck Snapshot

4. Select the Raster and Vector files that you want to import to QGIS environment and click on the **Import Selected Files** button to initiate the import process.



Importing Data

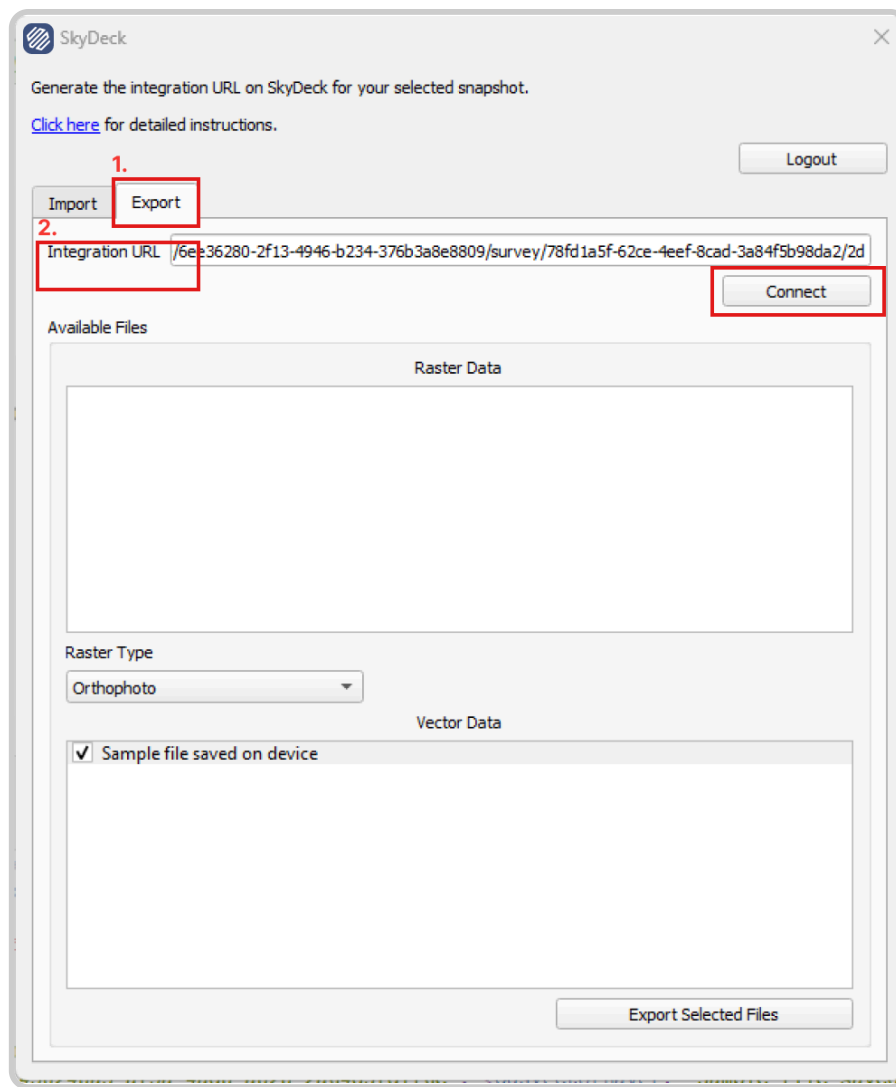
5. You will be able to view the imported data on the Layers section on QGIS interface.

The imported data is visualized using a WMS (Web Map Service) connection. This means that the data is not downloaded to your local machine. To edit or modify the data, you will need to save the features to your device as a local layer.

Exporting Data

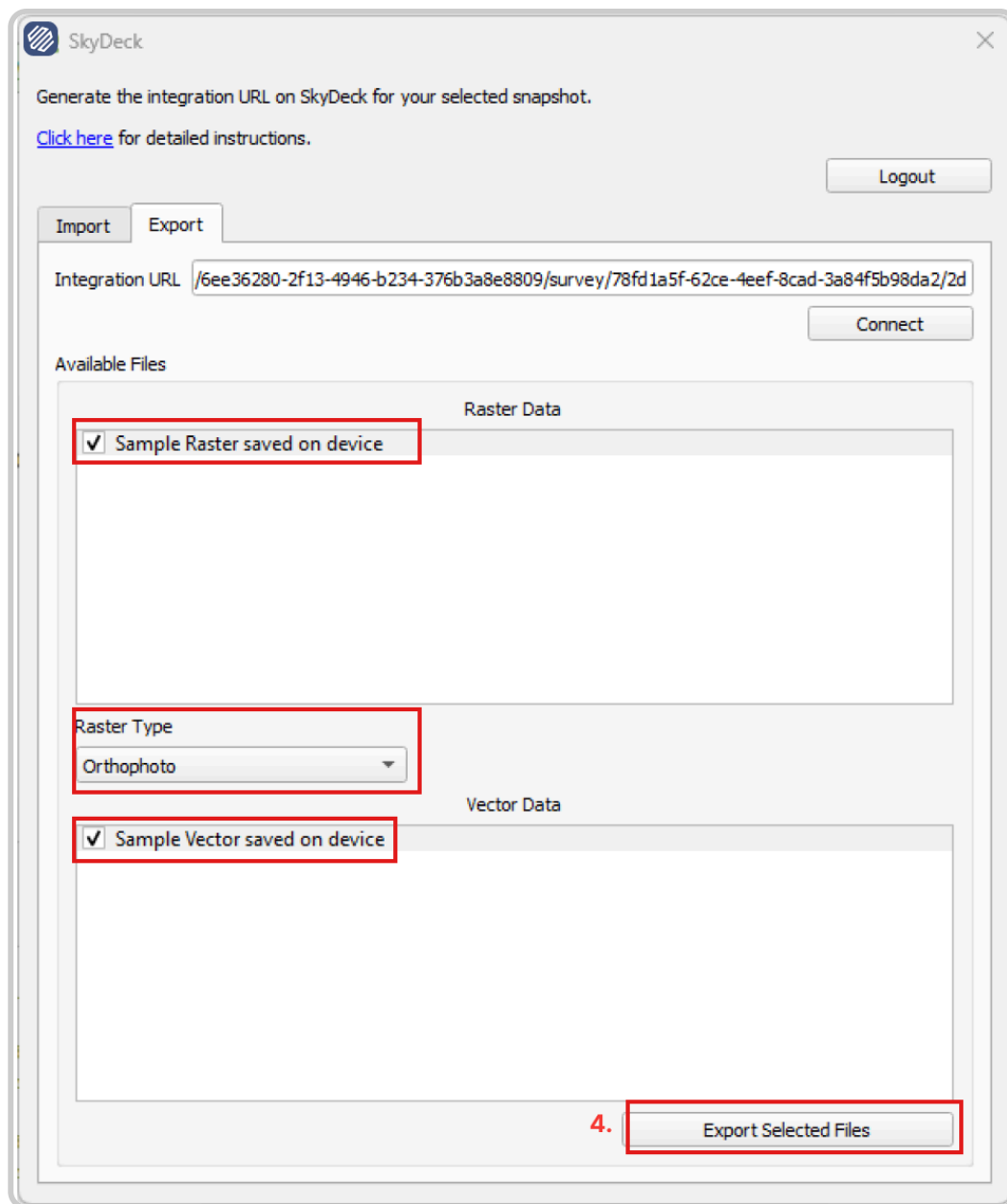
You can update any changes you have made to the data, or any new data that you may have created back to the SkyDeck Snapshot directly from the plugin:

1. In the plugin interface, select the **Export** option.
2. Copy the URL of the SkyDeck Snapshot that contains the data you want to import. Paste this URL into the **Integration URL** field and click on the **Connect** button to establish a connection between the plugin and the SkyDeck Snapshot.



Connecting to SkyDeck Snapshot

3. Select the Raster and Vector files that you want to update to the connected SkyDeck Snapshot. For raster data, select the appropriate **Raster Type** from the drop down menu.
4. Click on the **Export Selected Files** button to initiate the upload process.



Exporting data to SkyDeck

- **Local Files Only:** The export option is only available for files that are saved on your local device. Data imported using WMS or other frameworks will need to be saved locally before they can be uploaded to SkyDeck.
- **Overwriting Files:** If the filename of the data you're trying to update matches the filename of an existing file on the SkyDeck snapshot, the existing file will be overwritten.
- **Vector Styling:** Some vector styling options may not be supported by SkyDeck. This means that the styling you apply in QGIS might not be accurately reflected when the data is viewed on SkyDeck.

Troubleshooting and Support

If you encounter issue while using the SkyDeck QGIS Plugin:

- Ensure you have an active SkyDeck Account.
- Ensure you have appropriate permissions on SkyDeck to access the Snapshot you're attempting to connect to. The SkyDeck QGIS Plugin follows the same role-based access control rules as SkyDeck itself. If you're unable to connect or access data, verify your SkyDeck account permissions and ensure you have the necessary privileges to interact with the specified Snapshot.
- Make sure you have a working internet connection.
- Review the plugin logs for error messages by enabling the python console on QGIS.

For further assistance, please contact our support team using:

- **Email:** skydeck.support@asteria.co.in
- **Help widget** on SkyDeck platform



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