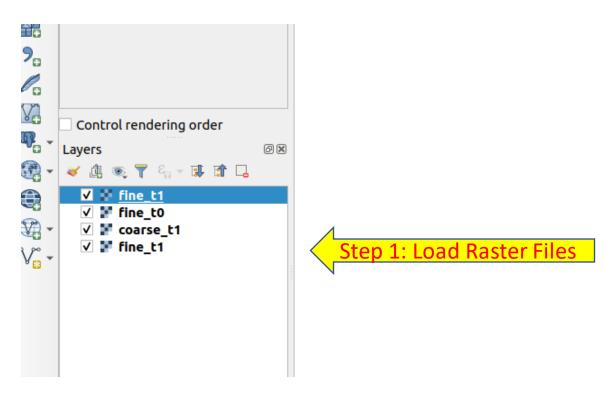
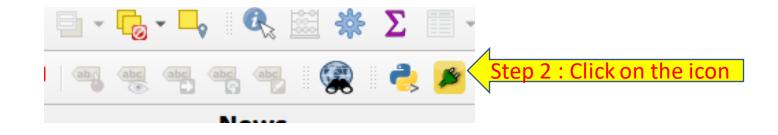
Manual for Image Fusion

Required Libraries: geoAnalytics, pyswarms, numpy, scikit-learn, geotiff, gdal.

Load raster files into QGIS.



• Install Image Fusion plugin from zip file (Refer Installation manual).



• Image Fusion GUI appears as shown below.



Image Fusion Prediction

- Step 1 : Click on Predict tab.
- Step 2: Load missing pixels file into QGIS.
- Step 3 : Click on Get Layers button.
- Step 4 : Select layer from combo box.
- Step 5 : Click browse button, select output directory and enter output file name.
- Step 6: Select Algorithm from combo box.
- Step 7: Enter parameters or use recommended values
- Step 8: Click on submit button to run the program.

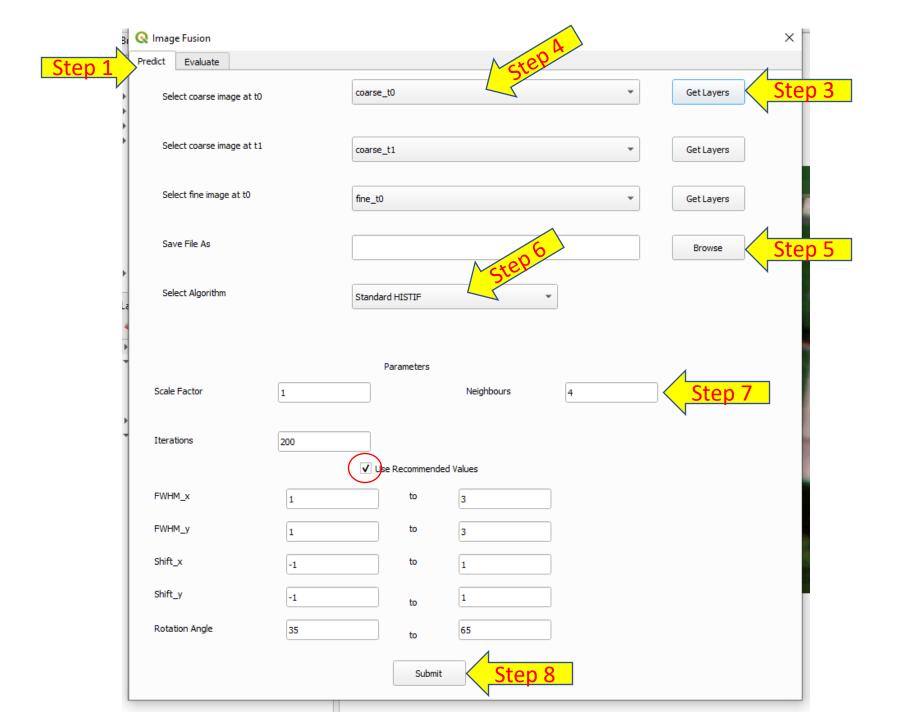


Image Fusion Evaluation

- Step 1 : Click on Evaluate tab.
- Step 2 : Load predicted file into QGIS.
- Step 3 : Click on Get Layers button.
- Step 4 : Select ground truth and predicted layers from combo box.
- Step 5 : Click browse button, select output directory and enter output file name.
- Step 6 : Click on submit button.

