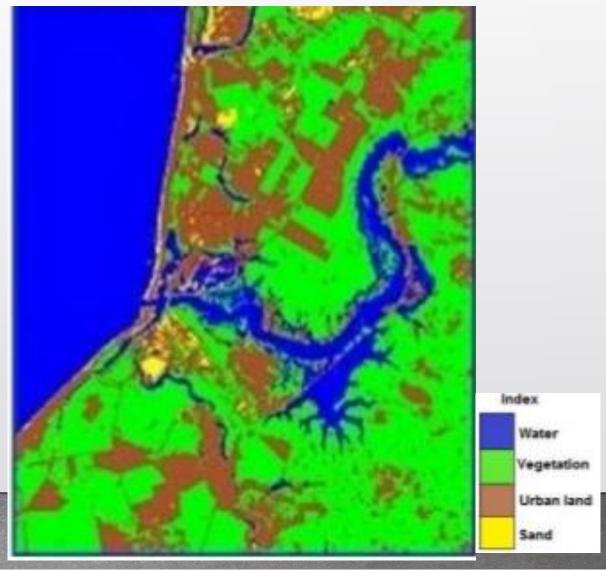
Generating Land Cover Data from Satellite Image

Process: Image Classification







Data Needed:

Data filename: Landsat7.tif (raster file)

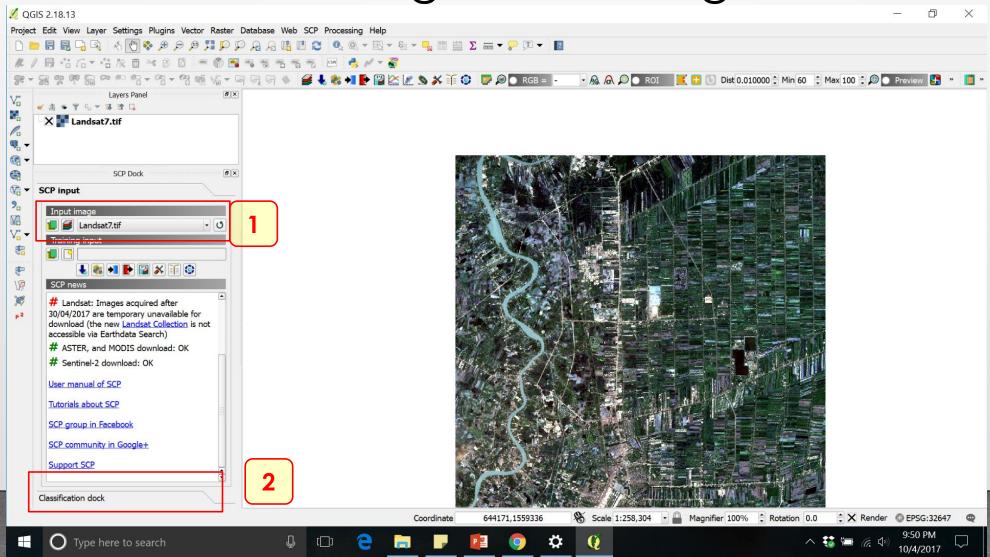
Plugin Needed:

Semi-Automatic Classification Plugin (SCP)

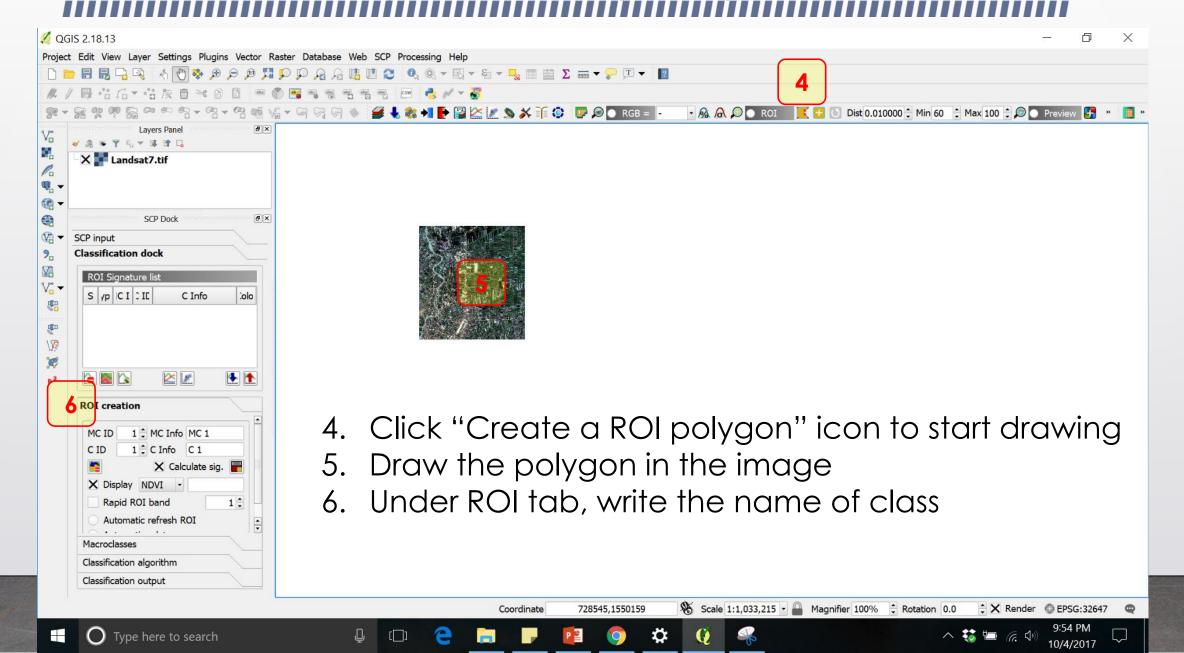
Image classification with SCP

- 1. Install and activate Semi-automatic classification (SCP)
- 2. Load the image to be classified

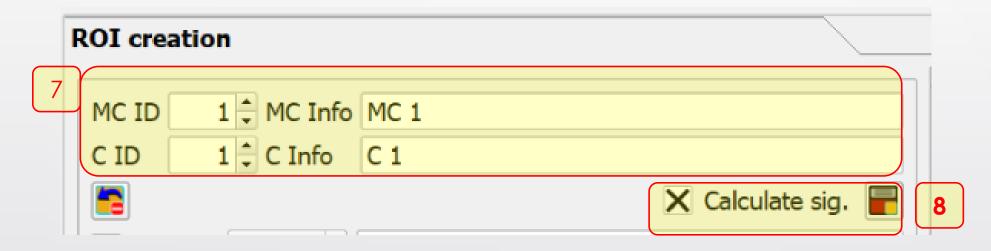
3. Create training area or Region of



3. Create training area ROI (cont)



3. Create training area ROI (cont)



MC ID – is General Class ID

MC Info – is General Class Name

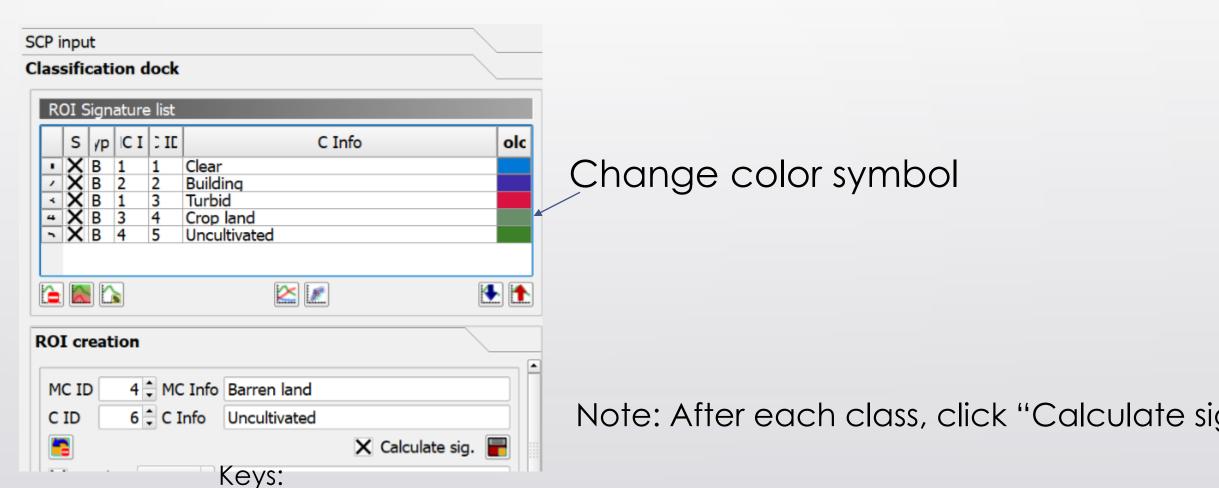
Example: MC ID - 1 MC Info -Water

CID – is Sub-class ID

C Info – is Subclass Name

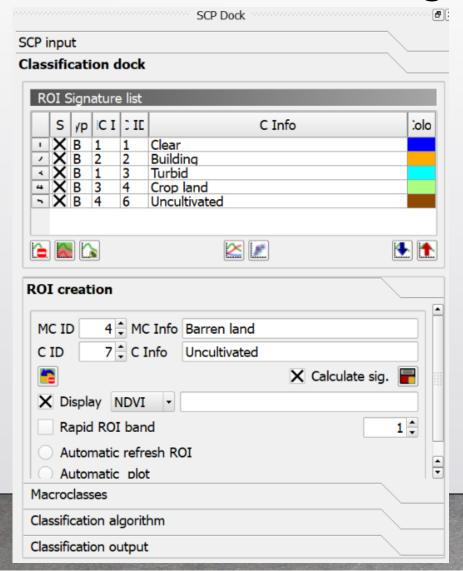
CID - 1

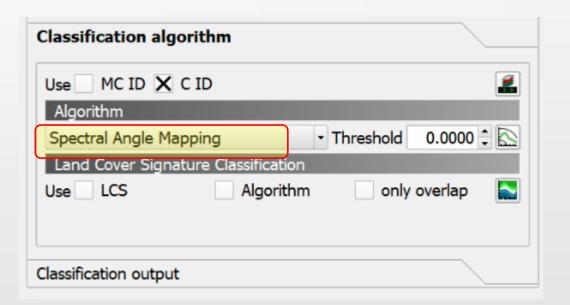
3. Create training area ROI (cont)



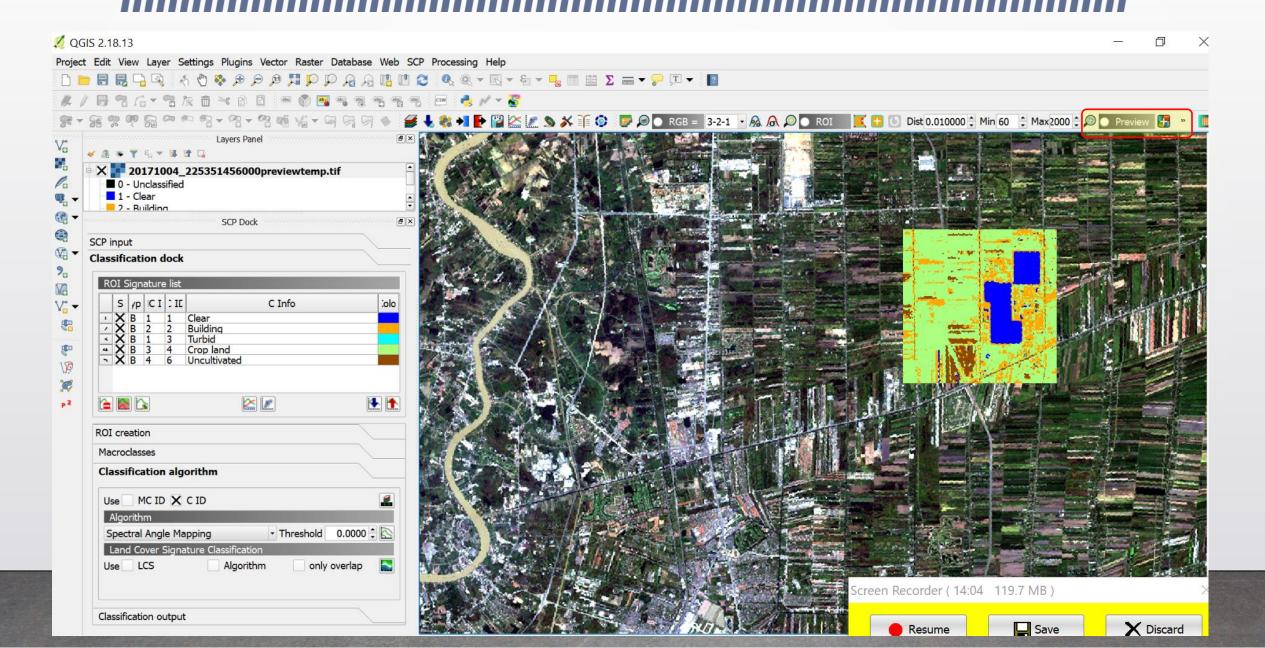
- 1. To end drawing: right click
- 2. To draw another polygon of the same class name: right click + Crtl

4. Define Classification Algorithm

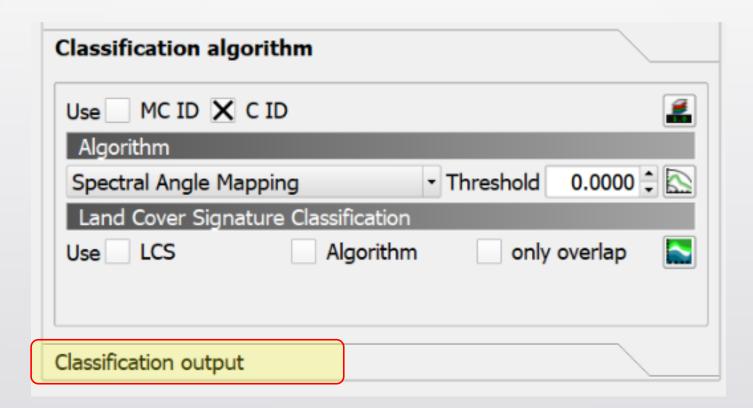




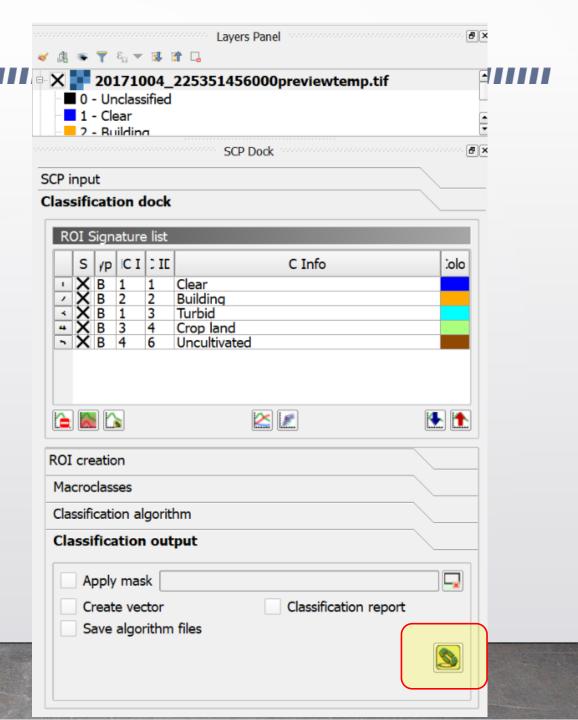
5. Preview first



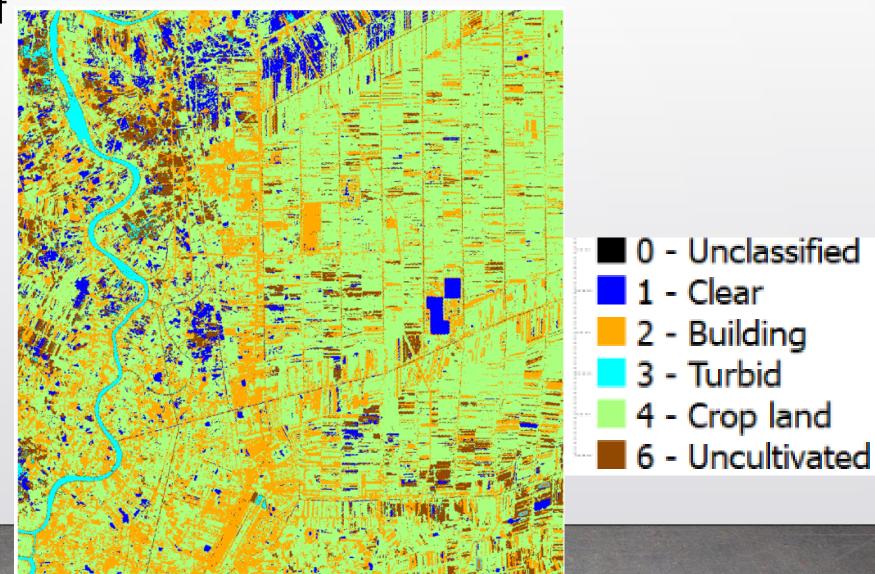
6. Specify classification output



7. Run



8. Output



Thank you