

## **GEOG 357, Remote Sensing Fall 2024** final projects

The project output should include these main sections ( / some suggested bullets)

**1. Introduction** -a paragraph or two summary of your project goals

**2. Study Area and Data / dates**

- Brief study area introduction / description
- The image data for the project (including image dates)
- Possible comments on image quality (clouds, time of year etc.)

**3. Data methods and analysis**

- brief description of methods (can use point form)
- the primary resulting channels from analysis e.g. ratios, classification
- any extra challenges or steps not encountered in labs

**4. Results**

- Discussion of results
- Include any tables or figures e.g. attribute tables for vectors created, classification tables, statistics etc..
- Conclusions on successes or limitation
- Possible references used or useful in understanding this topic / area

**5. Image displays**

- Include images that ‘tell the story’ - e.g. colour composite, select intermediate layers created, vector features on background image, or classification. Past reports have used ~6-8 plus tables. Add a scale bar with one image, or just give the dimensions of your area in kms (x,y).

Capture images the same way you did in Lab 6: file-> export map, choose .jpg or .png ; resolution 150 dpi – higher would just bulk up your final project size  
You can provide zoom-in images if helpful

Report should be ~700-1000 words plus figures/tables. Submit project via Moodle as pdf by Dec 6; email ([wheate@unbc.ca](mailto:wheate@unbc.ca)) a version no later than Monday 9pm for presentation in class on Dec 3 – focus your 3 minutes on the figures, only brief text. You could also post it on Moodle, as you can remove it if it is not the final report.