

GEOG357, Fall 2022: Article review 10%

due November 16 (email to wheate@unbc.ca)

Goal: to ensure you visit at least one material resource for GEOG357 beyond the course lecture and lab notes- there's a world of remote sensing on the internet.

Objective: Select a scholarly journal article involving remote sensing and an application of interest in your studies; include a link to your article (if available). use this assignment to analyze and evaluate the research work of relative experts in the field of remote sensing, by providing a constructive critique of a journal article.

Some information sources: (library and online) ...

- Canadian Journal of Remote Sensing
- Int. Journal of Remote Sensing
- Journal of Applied RS; Science of RS; Remote Sensing
- Remote Sensing of Environment; GeoCarto International
- Photogrammetric Engineering & Remote Sensing (monthly)
- IEEE Transactions on Geoscience and Remote Sensing

Also see application journals: Journal of Forestry, J of Wildlife Biology etc..

Articles should be peer-reviewed and generally be 4-20 pages long

They should be relatively current (ideally since 2010) – RS changes quickly ...

You can include a graphic or two if you wish

You must properly reference your article at the top of your review (with link)

Review paragraph sections should include:

1. Objectives of the study
2. Imagery used – type, resolution, wavelengths
3. Digital Image Processing techniques employed
4. Success at feature extraction / application in this field
5. Summary of results
6. Limitations and indications of continued work (if any)

Do not copy and paste sections of the authors' text – use your own words

Suggested total word length: ~ 750-1000 words; 1.5 line spacing

Questions to Consider:

- How well does the abstract summarize the article's major points?
- Is the goal of the article made clear early enough in the introduction section?
- How well is the purpose articulated and discussed throughout the body of the text?
- Are the author's statements generally clear?
- Scan and spot-check calculations, images and tables. Are the images presented with clarity and are they of a high quality?
- Has the author cited literature and how appropriately are they using it to support their argument or the importance of the work?