

## **GEOG 357**

### **Fall 2021**

**Course Assignment:** Article Review

**Due Date:** November 16, 2021

**Submission:** email to [anthony.jjumba@unbc.ca](mailto:anthony.jjumba@unbc.ca)

#### **Objective:**

You will use this assignment to analyze and evaluate the research work of the experts in the field of remote sensing. You will provide a constructive critique of a journal article by assessing how the scholars have composed their article, made their argument, and the research methods' suitability. Your review should go beyond a simple summary of the article.

#### 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 there repetitions? Is it a coherent presentation?
- Are the author's statements generally clear?
- Have the methods been presented in enough detail to enable the reader to duplicate them?
- 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?

#### **Instructions:**

Select a scholarly journal article involving remote sensing and an application of interest in your studies.

- Articles should be peer-reviewed and generally between 4-20 pages long
- They should be relatively current (ideally since 2010)
- You can include a graphic or two if you wish
- You must reference your article at the top of your review write-up using the APA style. Include a link to your article (if available)

Your review should be about 750-1000 words long; please use 1.5 spacing. Make sure your review includes comments on

- The objective of the study
- The imagery used – type, resolution, wavelengths
- Digital Image Processing techniques employed
- Success at feature extraction or the application in this field
- Summary of results
- Limitations and indications of future work

### **Some Academic Journals of Relevance:**

- Canadian Journal of Remote Sensing
- International Journal of Remote Sensing
- Journal of Applied Remote Sensing
- Science of Remote Sensing.
- Remote Sensing
- Remote Sensing of Environment.
- GeoCarto International
- Photogrammetric Engineering & Remote Sensing
- IEEE Transactions on Geoscience and Remote Sensing
- You can also consider application journals: Journal of Forestry, J of Wildlife Biology etc...