

## Geog432: Remote Sensing, Fall 2018

### Application review 10%

**Goal:** summarise the current (and future) contribution of remote sensing to an application of your choice, from the list given in: "100 Earth Shattering Remote Sensing Applications & Uses" ... although none of these are really earth-shattering:

<https://gisgeography.com/100-earth-remote-sensing-applications-uses/>

Deadline: **Application review** (due Tuesday Nov 6)

Send topic to me for approval by Oct 26 (as some are too general or too specific e.g. 2,3,4,5)

Length: approx 750 - 1000 word total

**General goal and method:** Use the topic and potential links to summarise the contribution of remote sensing for the chosen application area. Refer to a minimum of two scholarly articles (see journals list below), and two websites.

**Topic:** the current use and applications of remote sensing in an area of your choice:  
Pick to match your interests / other courses / potential project focus

**Some information sources: (hardcopy in library and online) ... many others**

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

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

**WWW:** gazillions of references .. beware of non-refereed articles

You must properly reference your articles and websites at the bottom of your review

**Review sections might include:**

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

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

*Note: data ARE plural*