Recommended Readings: Students will be provided with state-of-the-science review chapters from a major reference work (Sherman et al. 2013 from the *Treatise on Geomorphology*), which provides an extensive review of all aspects of lidar, photogrammetry, and structure from motion in geomorphology. Other leading texts will also be put on library reserve and should be consulted for more foundational information. Additional reading & review of peer-reviewed research literature (e.g., journal articles) is also required for projects.

Course Experience Survey (CES): I greatly value your feedback on this course. Towards the end of term, as in all other courses at UVic, you will have the opportunity to complete an anonymous survey regarding your learning experience (CES). The survey is vital to providing feedback to me regarding

Course evaluation scheme: Mid-Term   25%

In-class participation   5%

SfM + Article Review   20%

Final Project

      Proposal   10% (written + presentation)

      Project   40% (25% Paper + 15% presentation)

Details on requirements for each component are provided below.

NOTE: students are required to complete <u>all</u> components of the course <u>and</u> obtain a passing grade on the assignments to obtain credit.

ASSIGNMENT

<u>Introduction:</u>

The assignment is designed with the following learning outcomes in mind:

Learning Outcome	Assignment 1	Research Project
i) Evaluate the utility of commercially available photogrammetry, lidar, and visualization software to geomorphological research.	X	X
ii) Decide what data collection method is appropriate for your research goals.		X
iii) Formulate a group assessment rubric that we will use to evaluate group member work.	X	X
iv)		