SES494/598: Close-range Remote Sensing
(Spring 2020: 494 #32862, 598 #32863, enrollment limited)

Interested in near surface remote sensing methods for studying Earth surface processes?

- Uncrewed Aerial Systems (UAS), LiDAR, Terrestrial Laser Scanning (TLS), Autonomous Camera Systems (ACS), Structure-from-Motion (SfM) Photogrammetry
  - Construction of 3D digital elevation models
  - Spatial-temporal landscape change detection
  - Quantification of geological or ecological processes
  - Hands-on experience & research skills!

Course consists of in-class lectures/seminars, hands-on labs, local field trip and a group project

- Th. 0900-1200 PSH460
- Permission of instructor, enrolment limited
- Background in Earth sciences (geomorphology, geology, ecology, etc.), remote sensing or GIS preferred

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Lectures: PSH460
Th. 0900-1200