Introduction to Structure from Motion (SfM) Photogrammetry for Earth Science Research and Education

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UNAVCO®

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Short Course Overview

Introduction to SfM = lectures, hands-on data processing and analysis examples.

Overview of the basic principles of SfM, with emphasis on theory, application examples, software workflow basics, practical considerations.

Goal = solid intro to SfM and a foundation for future learning. We also hope that it will inspire you to explore the technology and to explore new applications in research and education.

Agenda…

Course page:

http://kb.unavco.org/kb/article/2016-gsa-introduction-to-structure-from-motion-sfm-photogrammetry-for-earth-science-research-and-education-short-course-859.html

Introductions

- ***Name & affiliation?***
- ***Your interest in SfM & application area?***
- ***Previous SfM or lidar experience?***

Video…

https://www.youtube.com/watch?v=yxLMk120vMU

High resolution topography