

In preparation for the hands-on part, **please download and install the latest version of Agisoft Photoscan Professional Edition** from here: <http://www.agisoft.com/downloads/installer/>

You will have a choice of licensing...you can pay for a permanent license, use it in demo mode (no saving or exporting), or get a free trial for 30 days. Demo mode will work fine for the clinic.

Also, **please download some test images, photoscan project files, and some other clinic materials** from the CSDMS meeting website.

Put these directories in a single directory and maintain the directory structure (or PS won't be able to find the images). Sorry about the size...but lots of data is one feature of this game.

There is a preliminary version of the clinic presentation in Clinic_materials, but this will evolve over the next week, so don't judge yet.

With the help of Katy Barnhart, we will try to fly a drone mission over the athletic fields near the CSDMS meeting site during lunch on Tuesday, and use those images to make a map. (As a backup, we will also be out there Monday if anyone wants to join us and help).

Much of the material here, and in my presentation, has been developed by the USGS National UAS Group in Denver (Jeff Sloan) and co-workers at the Woods Hole and Santa Cruz Coastal and Marine Science Centers, and most of the photogrammetry advice has come from Tommy Noble (tnphotogrammetry@gmail.com), who teaches a multi-day course in the subject. If you are serious about incorporating Structure-from-Motion in your research, I strongly recommend you take his course.

Please try to download Photoscan and the clinic materials, and let me know if you have problems or questions.

Thanks, Chris.