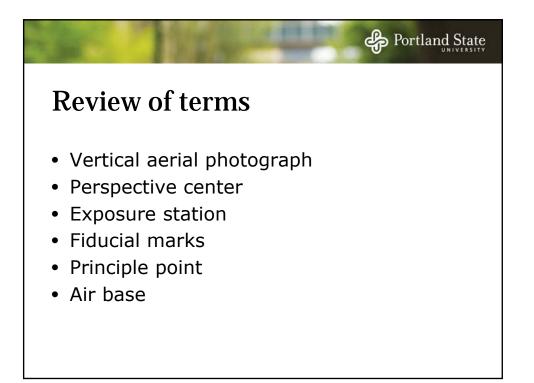
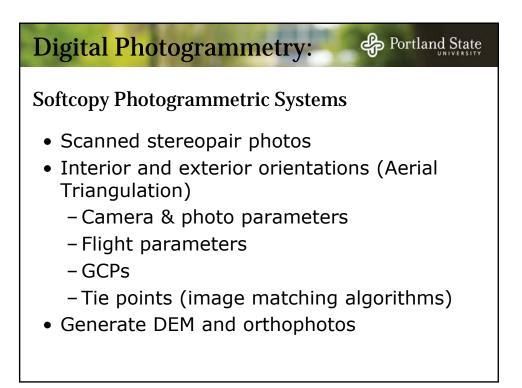
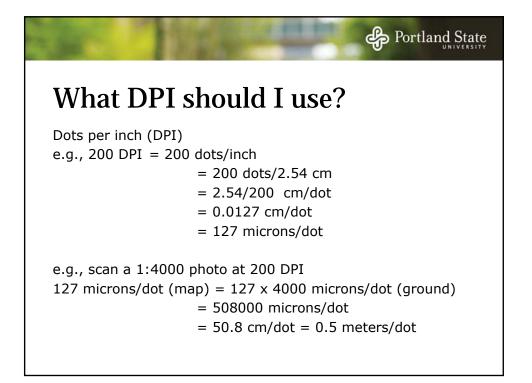
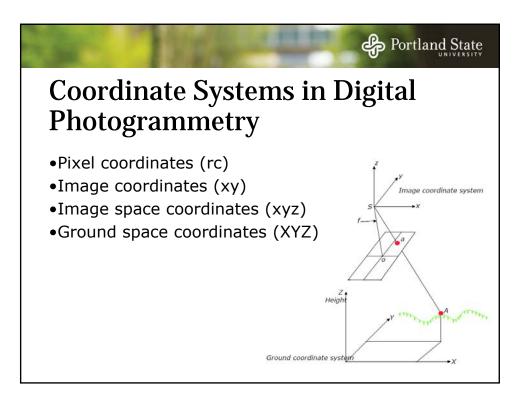
Photogrammetry: DTM Extraction & Editing

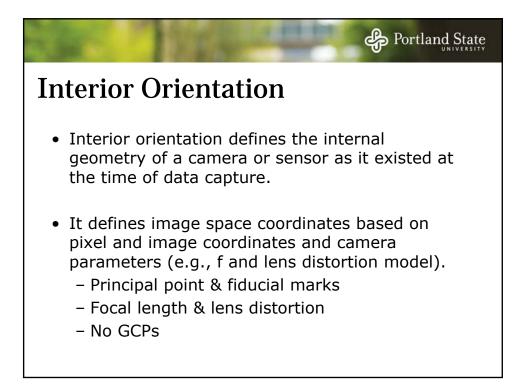


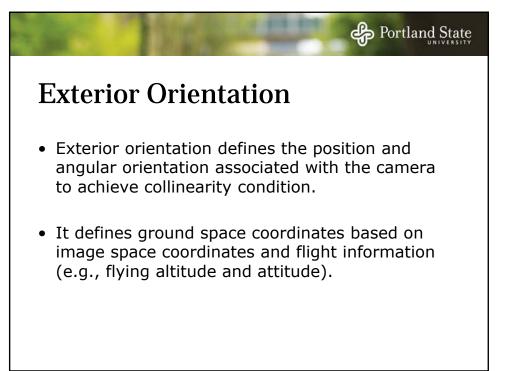


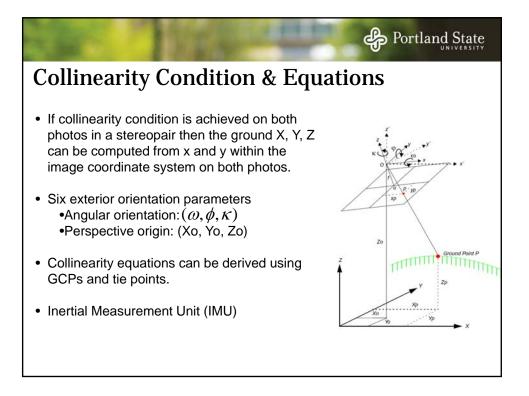


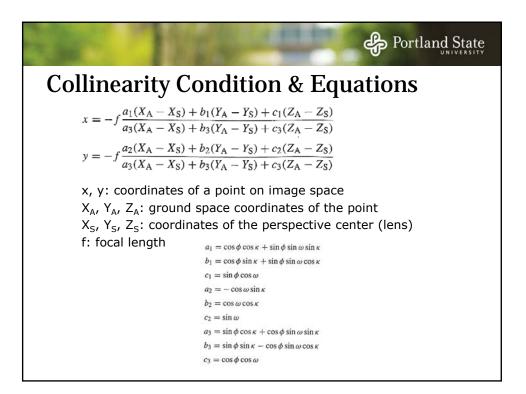


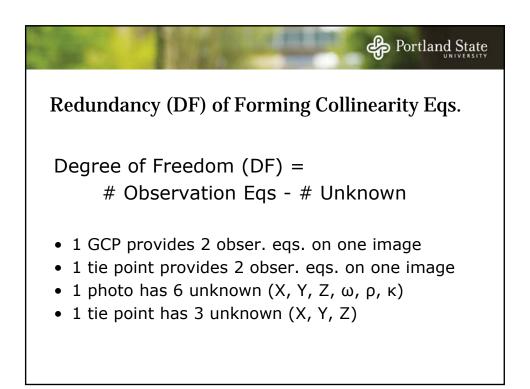


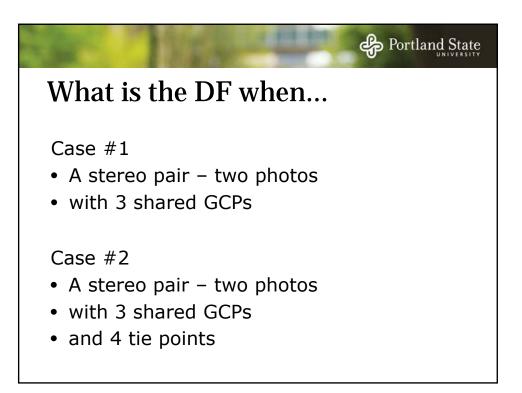


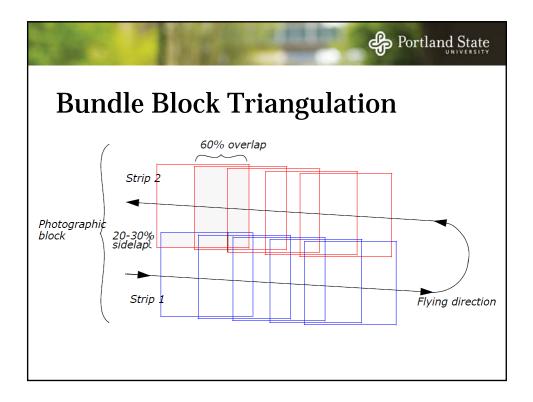


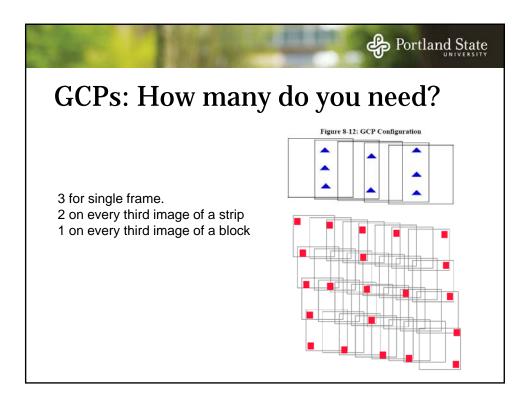












100	Low service	Portland State
Photogrammetry vs. Conventional Geometric Correction		
Block Triangulation Photogrammetry	Single Frame Orthorectification (Reverse) Photogrammetry	Geometric Correction
Bundle block adjustment (Relies on image models, GCPs, and block triangulation)	Single frame orthorectification (relies on DEM, GCPs, and image models)	Single photo adjustment (Relies on GCPs and polynomial equations)
A minimum of 3 GCPs to achieve high accuracy. GCPs can be shared by the entire block of photos.	A minimum of 3 GCPs to achieve high accuracy	More GCPs are required to achieve satisfactory accuracy. GCPS are not shared.
Minimizes errors for the entire block of photos. Ideal for photo-mosaicking.	Single photo resection - minimizes GCP errors within a single photo.	Minimizes errors within a single photo.
Allows the correction of relief displacement and the generation of DEM when stereopairs are used.	Requires DEM to generate orthophotos	Unable to do orthorectification