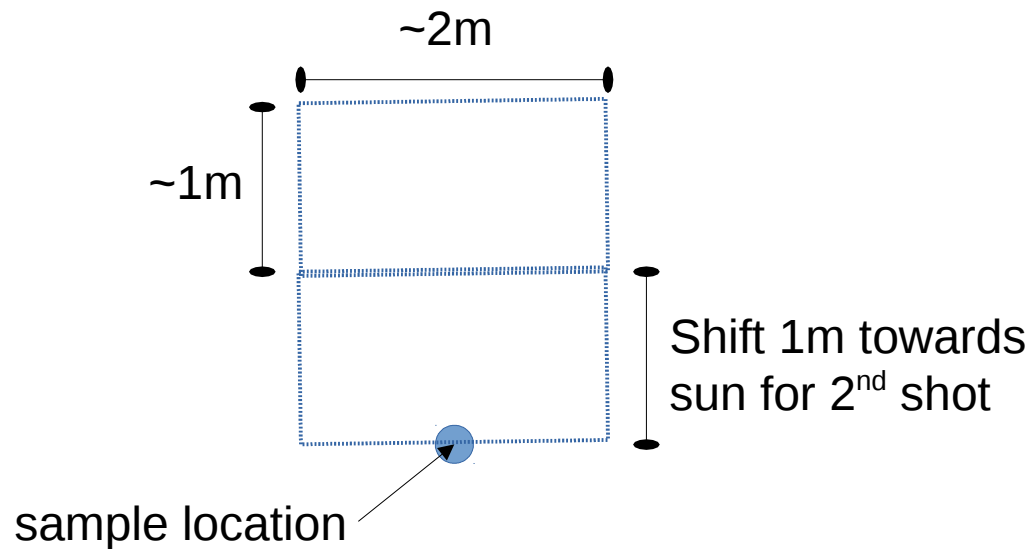


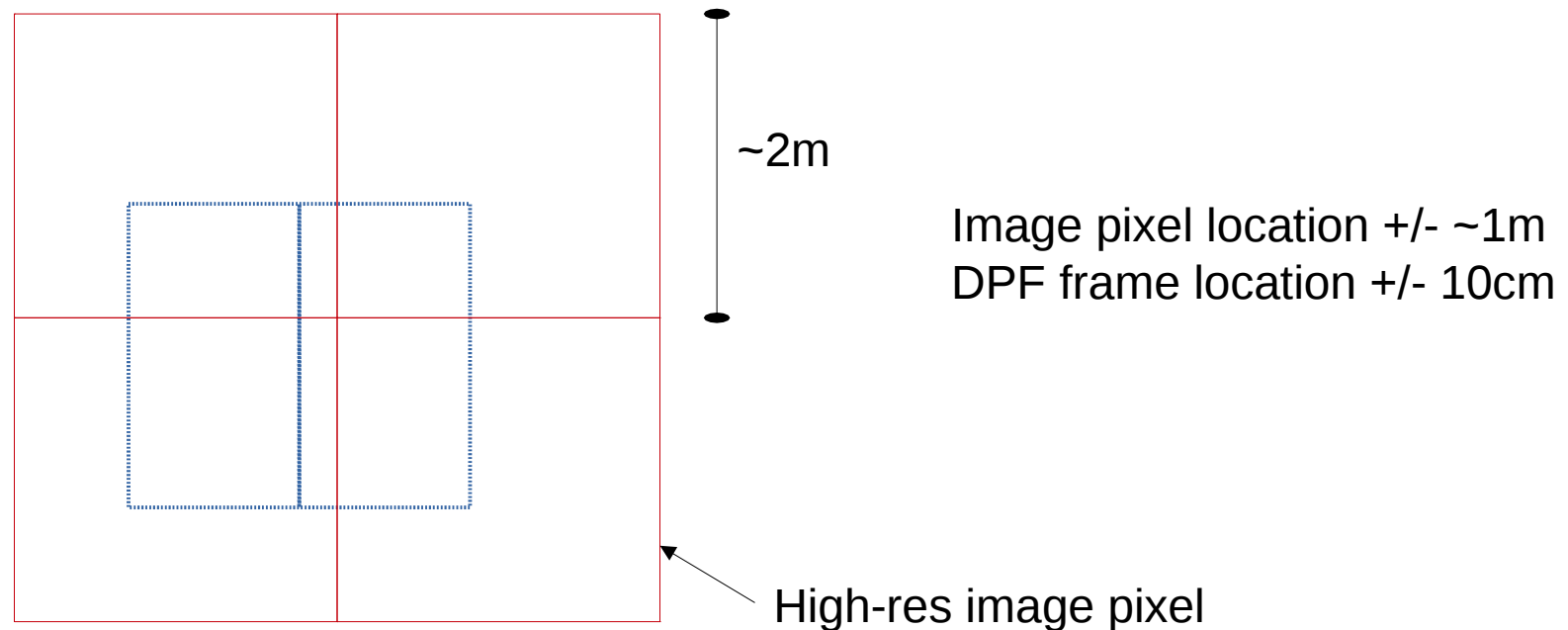
High-Pod DPF Sampling

2 DPF photos at each sample location



- Sample 5 drainage zones:
 - Swedes Pasture
 - Ash Creek
 - Cottonwood Marsh
 - Northwest Spring
 - Crystal Geyser
- 30 sample locations per zone
- Classify cells based on max observed LAI during 2014
- Sample so that distribution of max LAI in sample ~ distribution of max LAI in zone
- Sample along identified UAV flight transects
- If sample location is inaccessible, take sample at nearest practical location along transect line.

Comparison of DPF and high resolution image



For each pair of adjoining DPF photos (combined for % cover over area approximately the same size as image pixel) examine 4 closest image pixels to determine mean and variance of spectral (and LIDAR) results. Over 150 collected locations, build relationship between % cover and image results (with error).

Potential to segregate “homogenous” DPF points (low variance in surrounding image pixels) to seek to decrease error in % cover / spectral relationship.