

Ivanpah Field Experiment

20240917

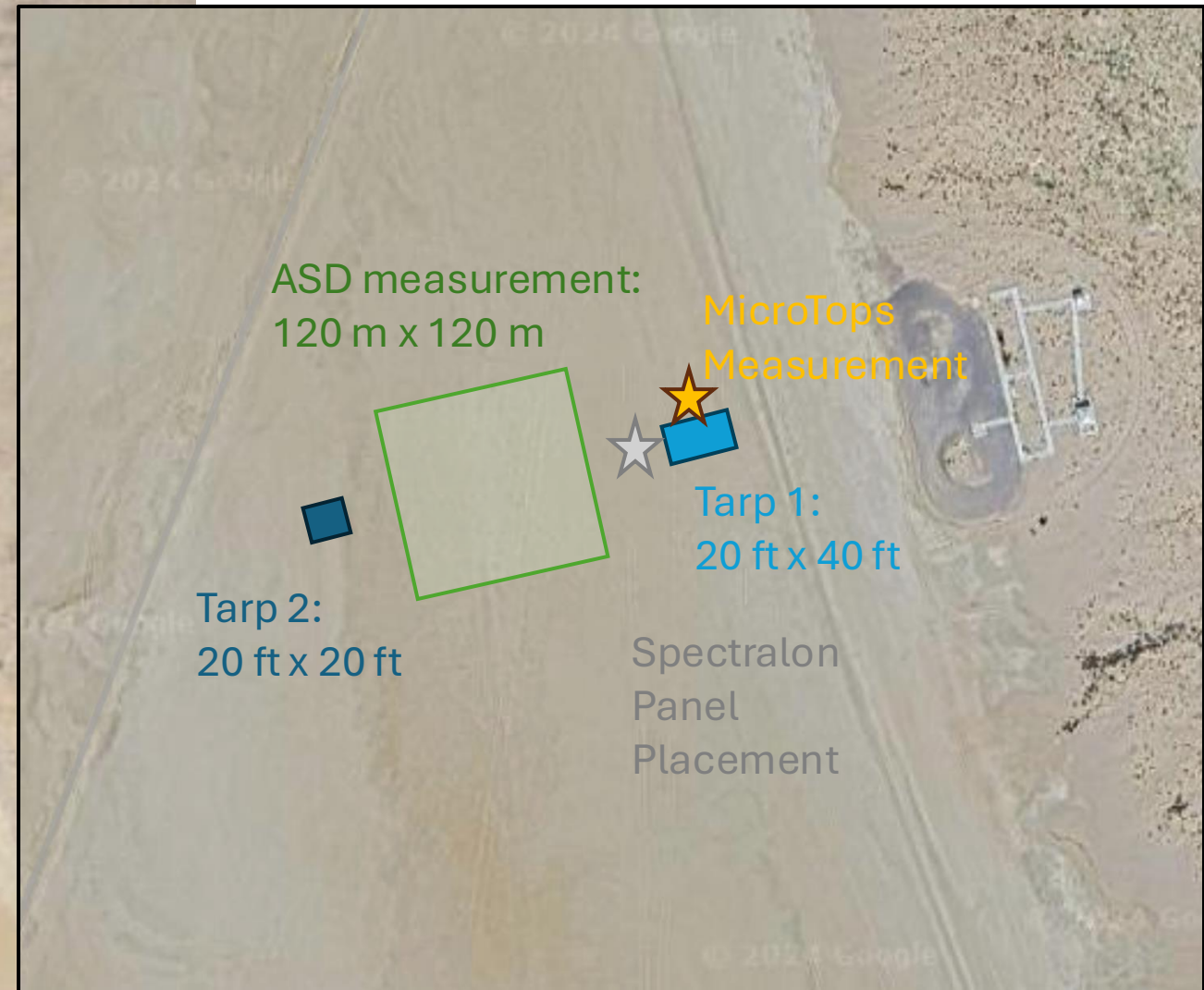
PACE-PAX

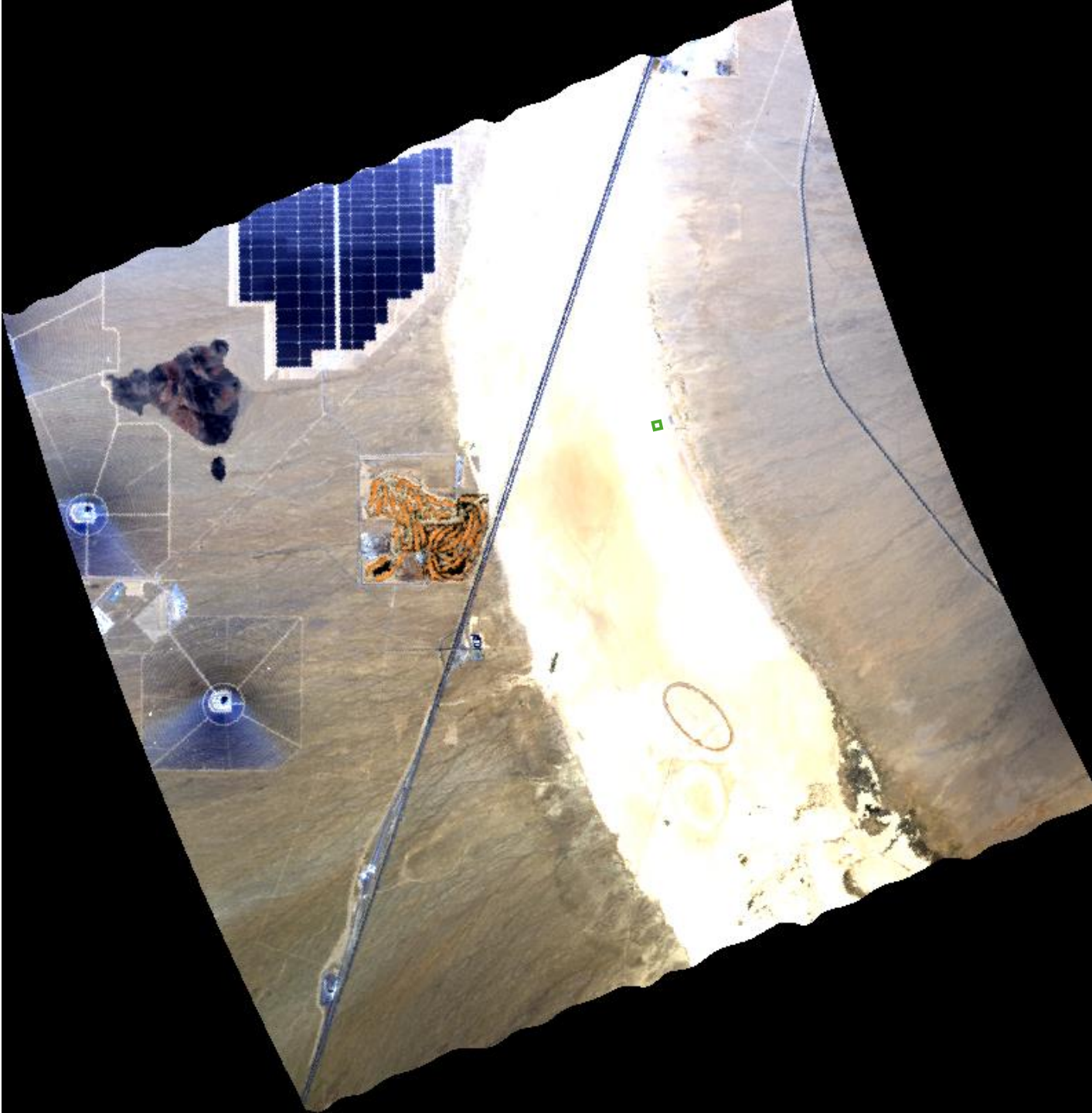
Measurements: Regina Eckert and Carl Goodwin, (JPL)

Description:

We set up two tarps aprx 200 m apart in a homogenous area of Ivanpah playa before the ER2 overflights on September 17, 2024. A spectralon white reference panel was placed near one of the tarps. An ASD field spectrometer was used to measure the reflected spectra of the homogenous playa surface. In combination with measurements of the spectralon white reference panel, which captures the downwelling illumination, these data were processed to provide the surface reflectance in the VSWIR range for a 120 m x 120 m area of the playa, as shown in the following graphics. The blue tarps can be used in the ER2 imagery to locate the position of the ASD measured area.

MicroTops sunphotometer measurements were taken near the tarps as well to record atmospheric aerosol data.





In situ Cal/Val measurement