

Robot Team

✓	> 3 Tb Imagery collected across multiple observations
Real-time Processing Software	
✓	Radiance to reflectance conversion
✓	Georectification
✓	Solar viewing geometry
✓	Image resampling
🕒	paper (in progress)
Supervised Regression with Uncertainty Quantification	
✓	Prototype paper published (2020)
✓	Datasets combined
✓	Model pipeline build
✓	Preliminary super-learner results
🕒	Inclusion of Conformal Prediction for UQ (in progress)
🕒	Paper
Unsupervised Classification and Endmember Analysis	
✓	Rhodamine Dye dataset collected
✓	Self Organizing Map code written
✓	Generative Topographic Map code written
🕒	Classification Results (In progress)
🕒	Endmember Analysis for Rhodamine Dye
🕒	Paper