

Dataset: L8 + M-Aqua Start



Client PC

 Secure Connection via

Raw Img Collections

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**security shell (ssh)**

Upload *in-situ* data to microcontroller

Study Area Delineation

Raster Pre-Processing Above Surface Temp

-Radiometric Corrections Lake Surface Temp

-Surface Reflectance BOA

Spatio-temporal Image Fusion

In-Situ Data > LST Threshold



Chl-a Images

