

# Interpretation of satellite measurements over the ocean

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The accuracy of the satellite sensors which monitors ocean in the visible part of the spectrum needs to be validated by in-situ measurements, specifically by the instruments on the ocean platforms. The project involves the comparison between such measurements by the VIIRS and MODIS satellite sensors and the instrument on the Long Island Sound Coastal Observatory (LISCO). The project will require some knowledge of MATLAB and learning of the processing of the satellite imagery over the ocean.