Satellite Remote Sensing of Land-Falling Hurricanes

In this large collaborative project we will use data from various satellite sensors to characterize land, ocean, and atmosphere conditions before and after hurricane landfalls.

Applicants should be interested in physics, remote sensing techniques, computer algorithm development, and collaborations with hurricane modelers and other project partners.



Hurricane Irma approaching Florida (2017)



Our satellite data facility in Miami, CSTARS

UNIVERSITY



PI: Roland Romeiser, rromeiser@miami.edu