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NGEE-Tropics: Recent Remote Sensing Campaign in Puerto Rico

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An airborne remote sensing campaign was conducted in March 2017 to link existing field information with new data from the NASA Goddard's Lidar, Hyperspectral, and Thermal (G-LiHT) Airborne Imager. The objectives of the campaign are to (i) characterize carbon stocks in second-growth forests, (ii) investigate leaf chemistry and plant traits, (iii) quantify changes in forest structure in sites with previous lidar coverage, and (iv) facilitate collaborations with ongoing studies in Puerto Rico. We collected remote sensing data across gradients of soil fertility, climate, and forest age. In this poster we present examples of the remote sensing data, flight lines, field plots, and some early look results. This project is a collaboration between DOE, the US Forest Service, and NASA.