

NGEE-Tropics El Nino and drought impacts research

Arguably the largest threat to the tropical carbon sink is drought, via reductions in carbon uptake and increases in turnover. The 2015-16 El Nino event caused pan-tropical drought manifest as reduced precipitation and elevated temperature. Through NGEE-Tropics we are quantifying the impacts of this recent drought on many aspects of vegetation stress and using these data to inform us regarding processes and to improve model representation of tropical forest drought resistance.