

African Dust Impacts on Air Quality and Climate

African dust is transported to North and South America as well as the Caribbean Islands where it impacts air quality, climate through impacts on radiation, clouds, ecosystems and the carbon cycle, and storms. We seek to better understand these impacts through field measurements in Barbados, where we have a field observation station (see Fig 1). This project involves atmospheric field observations and analysis of the physical and chemical properties of these aerosols to determine their impacts

