The GHRC DAAC was established in 1991 and is located at the National Space Science and Technology Center at the University of Alabama in Huntsville (UAH). GHRC is a joint venture of NASA’s Marshall Space Flight Center and the Information Technology and Systems Center at UAH. GHRC provides a comprehensive active archive of both data and knowledge augmentation services with a focus on lightning, tropical cyclones and storm-induced hazards through integrated collections of satellite, airborne, and in-situ data sets.

Rahul Ramachandran, PhD, DAAC Manager
Helen Conover, Deputy DAAC Manager

- **Satellite Data**: Responsible for ingest, archive, product generation, reprocessing and distribution of data from the Lightning Imaging Sensors on TRMM and ISS, active and passive microwave data and ancillary lightning data sets, with some records dating back 35 years.
- **Field Campaign Data**: Data from successive hurricane science field campaigns since 1990 available across several missions including the Hurricane and Severe Storm Sentinel (HS3) Mission.
- **Ground Validation Data** for Precipitation Measurement Mission (GPM) Ground Validation (GV). Ground and airborne precipitation datasets supporting physical validation of satellite-based precipitation retrieval algorithms.

Nearly 9.7 terabytes of data were in the archive at the end of FY2015. More than 6 million data files were distributed during FY2015.