## Using, Administering, and Submitting Data to the VSTO and Madrigal Databases within the CEDAR Community

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Mostly Demo's and Hands-On

## Some Highlights of the CEDAR DB

- •Statistics of Use (user requests) available on-line for data providers under the wiki special pages
- HAO is a madrigal site
- Some of the recent ISR madrigal data are available via the VSTO access
- Recent New Data
  - Arecibo potassium lidar (also in madrigal)
  - •Some small ascii files in the "protected" area with s/w models etc
    - •Emmert's global neutral density from satellite drag from 1967
    - •She's CSU sodium lidar nightly average Tn (70-119km) from March 1990 to March 2010
- •Future: Put more CEDAR DB files into madrigal
- •Future?: Change format to NetCDFv4 in order to get easy access to TIEGCM output etc