



**SnowEx is expected to generate a wealth of data products for use by the research community.**

**The team is working to make this data as accessible and useable as possible.**

**This includes:**

- File level metadata
- Standard formats
- Guide documentation

Photo courtesy of NASA

## The data publication process and standards are key

### NASA Approved formats

- ASCII, HDF5, HDF-EOS5, NetCDF-4/HDF5, GeoTIFF (under review)

### Filename Standards for ease of use

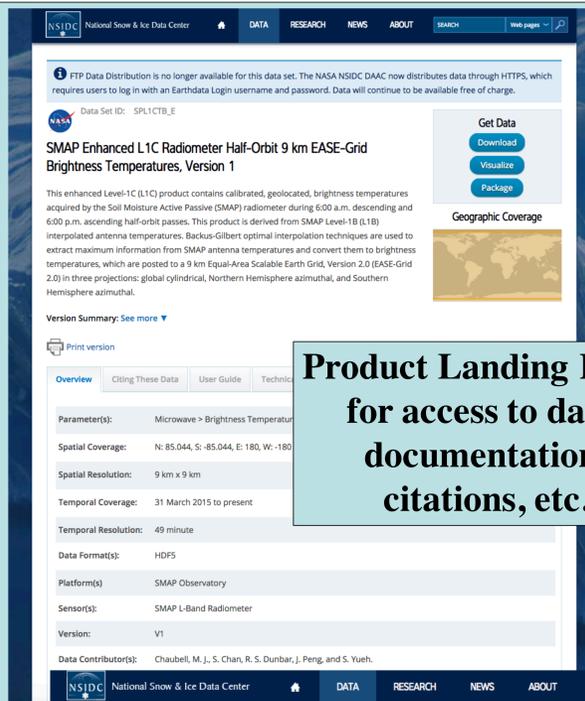
- Including descriptive information like instrument, resolution, processing level

### Variables

- Time standards throughout a product
- Unit definitions and missing data denotations
- Consistent format geographic coordinates included in data files

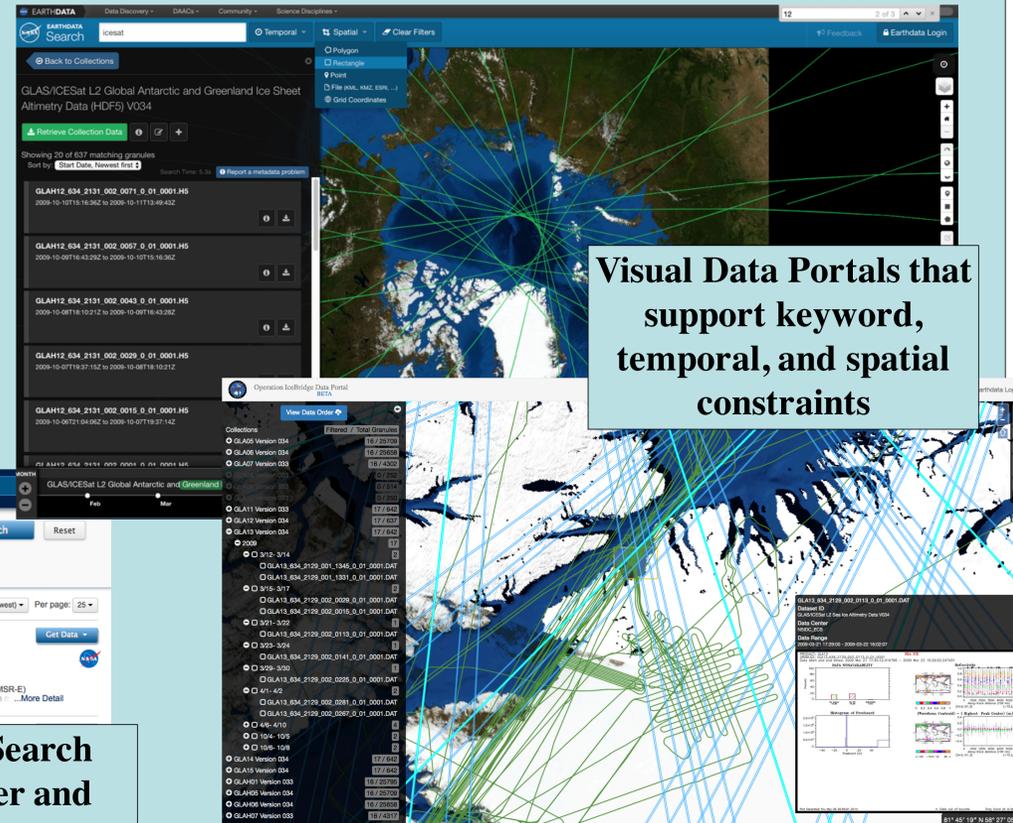
### Guide documentation and catalog pages

- High level descriptions of the instrument, data analysis methods and format
- Data citation information
- References to related technical papers

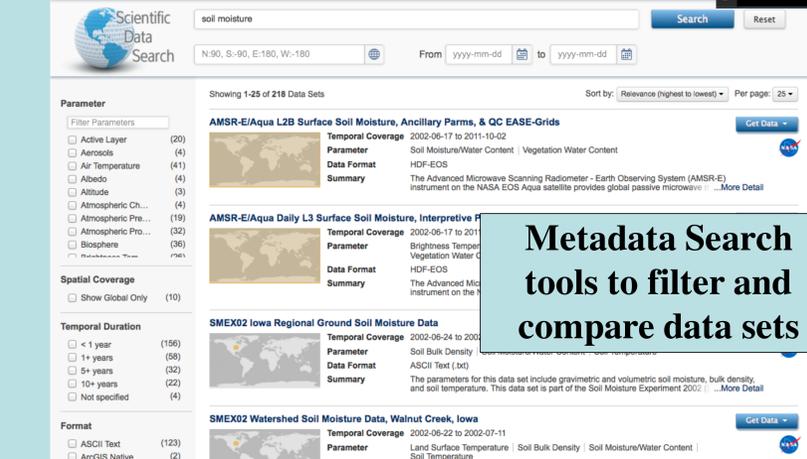


**Product Landing Pages for access to data, documentation, citations, etc.**

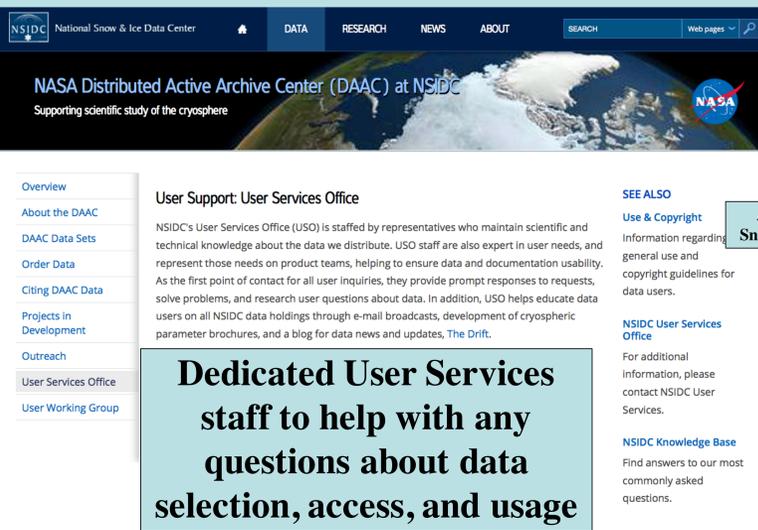
## Services at the National Snow and Ice Data Center



**Visual Data Portals that support keyword, temporal, and spatial constraints**

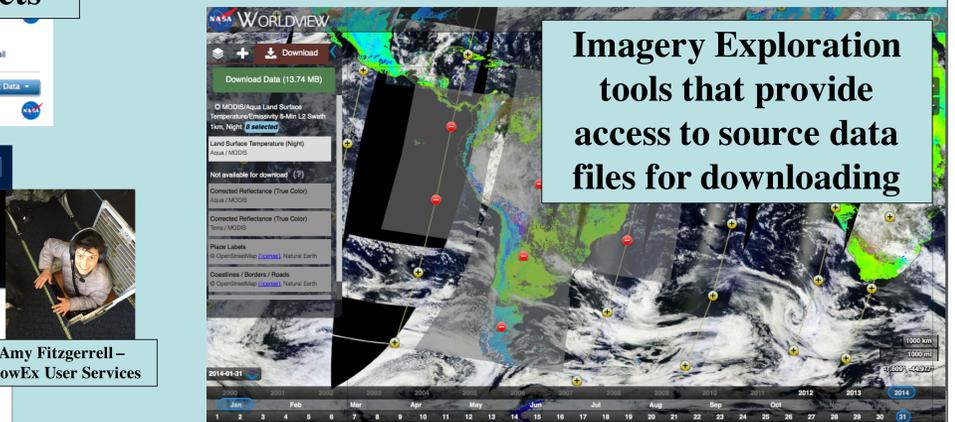


**Metadata Search tools to filter and compare data sets**



**Dedicated User Services staff to help with any questions about data selection, access, and usage**

**Amy Fitzgerrell – SnowEx User Services**



**Imagery Exploration tools that provide access to source data files for downloading**



Photo courtesy of NASA