NASA's Airborne Data Management Group (ADMG)

The **Airborne Data Management Group** (ADMG) was established in 2018 to respond to the need for better stewardship and support for airborne and field data at NASA. ADMG is part of IMPACT at NASA MSFC.

ADMG Primary Tasks:

- Take a **full assessment** of NASA Airborne and Field Earth Science data

- Construct a public, centralized, **metadata-rich inventory** of airborne and field campaigns, platforms, instruments with data product access

- Maintain a **knowledge center** containing important information, links to airborne tools, document access and example use cases

- Develop systematic approaches and **recommended practices** to bring **consistency** to airborne and field data stewardship

- Improve **communication and understanding** between DAACs, campaign investigators, and other stakeholders

CASEI: The Catalog of Archived Suborbital Earth Science Investigations

- **Detailed information** and data access for airborne and field campaigns

- Explore and discover the **highly-linked** web-based user interface.

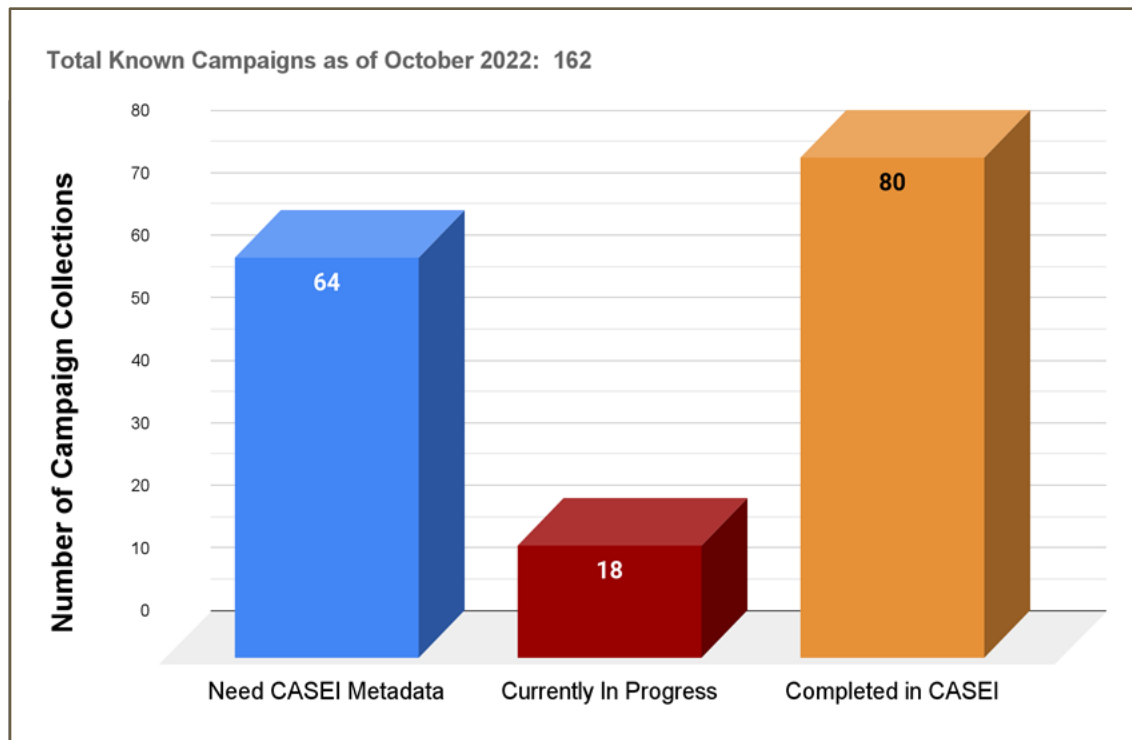- Many **different ways to search** through the detailed information and links

CASEI is developed by ADMG with help from Development Seed and other IMPACT team members

https://impact.earthdata.nasa.gov/casei/

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Total Known Campaigns as of October 2022: 162

Number of Campaign Collections

- Need CASEI Metadata: 64
- Currently In Progress: 18
- Completed in CASEI: 80

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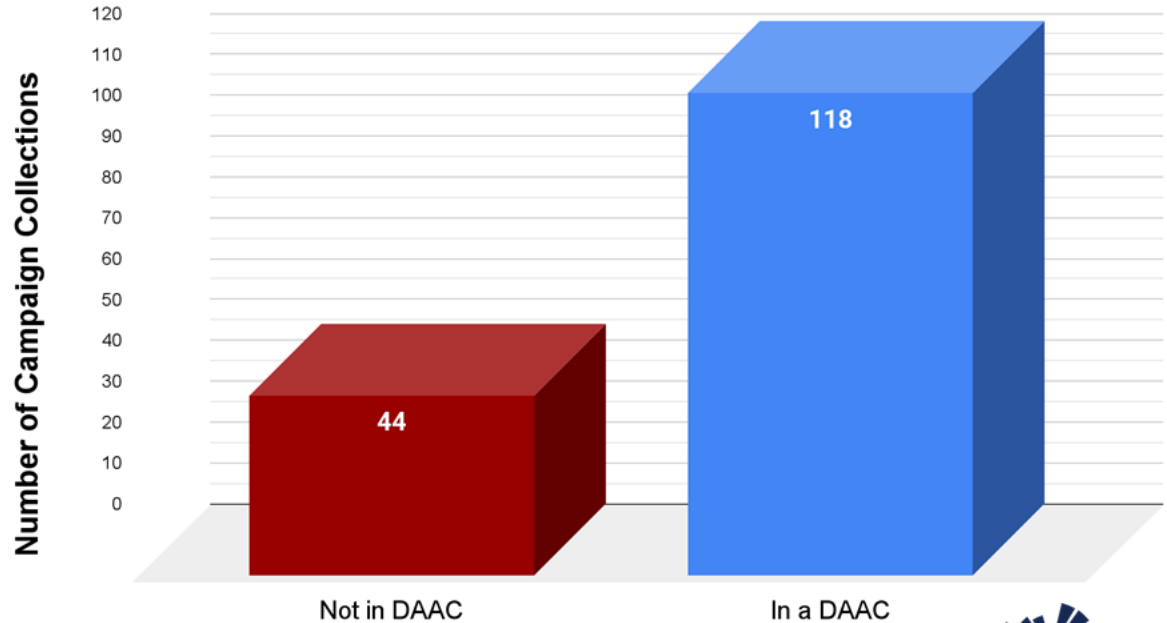https://impact.earthdata.nasa.gov/casei/

Moving Historical Data to DAACs

- ADMG helps to place airborne and field campaign data at NASA DAACs

- Open data to everyone

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Data Archeology

- 30 years of **ER-2 air photos** recovered from NASA Ames. Currently at Johnson Space Center for digitization

- Decades of files and binders reviewed to build a full history of the **P-3 flights**

- NASA **DC-8 onboard videos** (nadir, forward, sideview) from GTE campaigns (1979-1988) to be recovered

IMPACT
Interagency Implementation
and Advanced Concepts Team

Community Support

ADMG facilitates improved communication and understanding between campaign investigators, DAAC personnel, data users, and other stakeholders

- EVS projects: improving **consistency** in policies and procedures and aiding good **communication** throughout project lifetime

- **Airborne data workshop** (Mar 2022) which helped to bring data user and data producer issues to light (recordings online)

Created by Khoirin from the Noun Project

How Can ADMG Help You?

- Feedback on ACTIVATE - DAAC experience

- Feedback on what you need ADMG to do to improve airborne and field stewardship

- What improvements or changes you need most regarding data management?

Talk to me during this meeting or send email to deborah.smith@uah.edu