

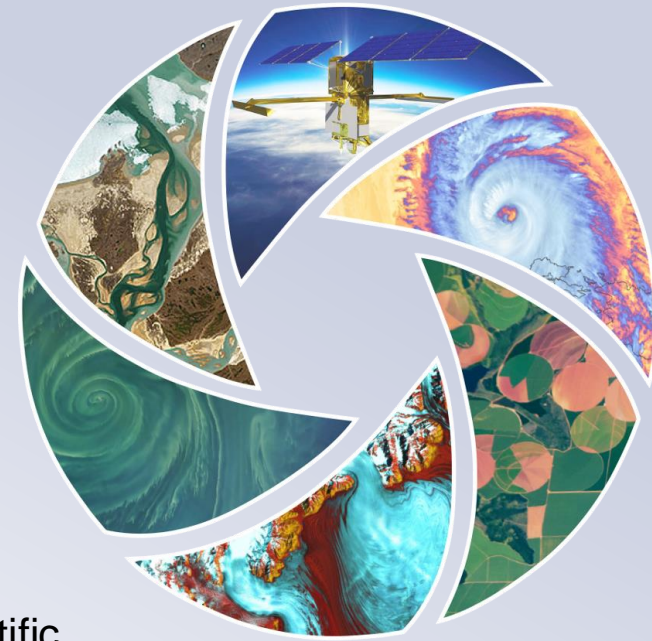
## CSDA Program Mission

*Identify, evaluate, and acquire commercial satellite data that support NASA's Earth science research & application goals.*

## CSDA Program Goals

- Establish a continuous and repeatable process to on-ramp new commercial data vendors.
- Enable sustained use of purchased data for broader use and dissemination by NASA scientific community.
- Ensure long-term data preservation, access and distribution of purchased data and long-term access for scientific reproducibility.
- Coordinate with other US Government agencies and international partners on the evaluation and scientific use of commercial data.
- Compliance with 2003 US Commercial Remote Sensing Policy

**NASA's CSDA program introduction webinar held on August 28. Recording: <https://go.nasa.gov/40O7igo>**





# NASA CSDA Vendors



**GHGSAT**

SATELL**O**GIC<sup>®</sup>

**MDA**

**MAXAR**

*GeoOptics*

**ICEYE**



**TELEDYNE  
BROWN ENGINEERING**

BLACK|SKY

**AIRBUS**



**tomorrow.io**

**pixxel**

**spire**

**UMBRA**

**planet.**

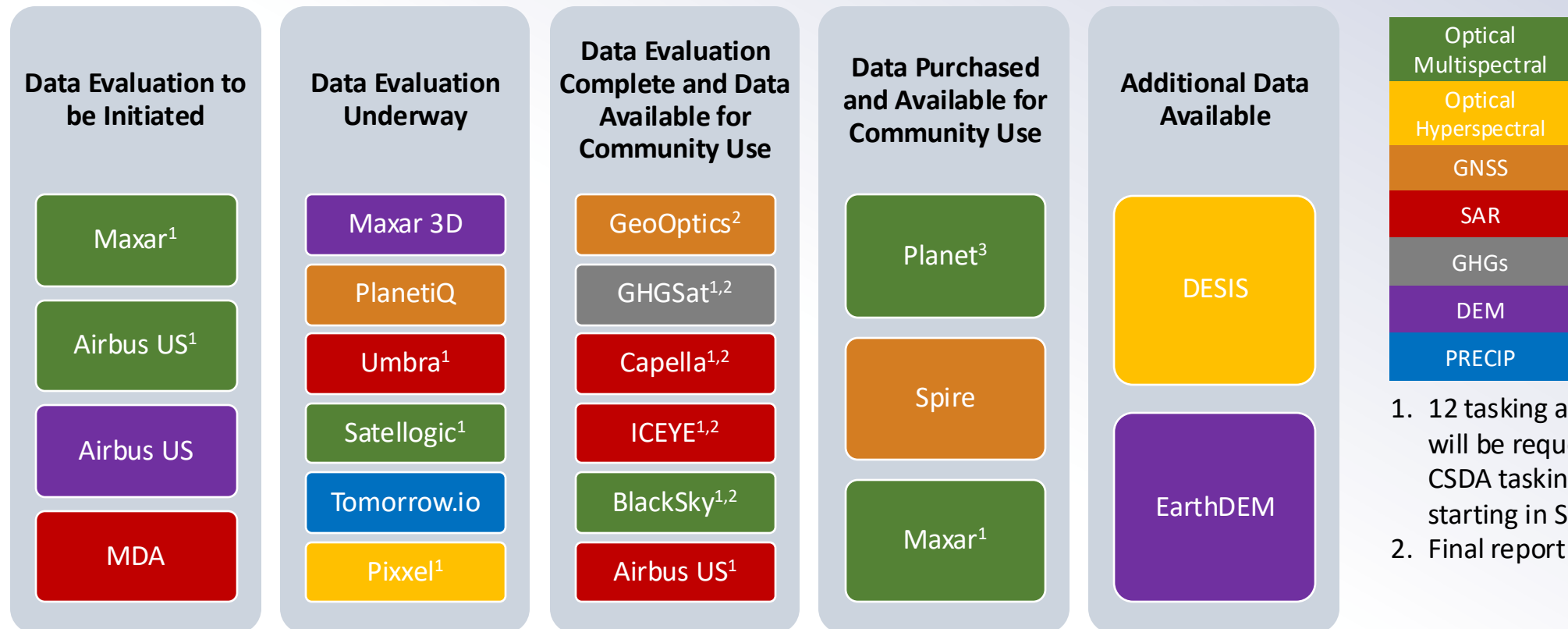


Capella Space

**PLANETiQ**

# CSDA Program Highlights

- All new business is on-ramped via Indefinite Delivery Indefinite Quantity (IDIQ) process. Competitive task orders will be issued for vendors to propose under the established a three-tier of End User License Agreement (EULAs): Public Release, U.S. Federal Government Plus, U.S. Federal Government
- Improving our collaborations with federal partners, as well as international partners.
- CSDA-acquired data is also being integrated into Earthdata Search for improved discoverability along side NASA supported mission and project data.



1. 12 tasking assets – tasking will be requested through CSDA tasking system starting in Spring, 2025
2. Final report pending

# ROSES Solicitation: A.48 Commercial Satellite Data Earth Science Research and Applications (CESRA)

Solicits proposals that will

- Demonstrate how this data supplements existing capabilities of the NASA's Earth Observing fleet and other free and open data sources;
- Assess the utility and accessibility of the CSDA data
- Open to any areas of research and applications that contribute to the objectives and key results described in Earth Science to Action (ES2A) strategy.
- Highlight how commercial data will supplement existing capabilities of the NASA's Earth Observing fleet and other free and open data sources.

- Release date: 12 December 2024
- Mandatory Step-1 due date: **14 February 2025**
- Step-2 due date: **26 March 2025**
- Selection: ~July 2025
- Funding: ~ \$4M each year for 2 years

Link on NSPIRES: [A.48 CESRA](#)

# Capella Contract and Data Access

- CSDA started evaluating and acquiring Capella data in 2021 when they were awarded a BPA contract as part of On-Ramp 3 in December 2021 for evaluation. Capella is now part of the IDIQ contract as of October 2023 and made updates to their SAR data offerings in September 2024.
- As part of the IDIQ, Capella was awarded a 12-month task order in August 2024, to provide additional data for evaluation.
- Data that was downloaded is in the process of being made available through the CSDA SmallSat Data Explorer (SDX) interface
- If you qualify for data access under our EULA, you can get authorization through the CSDA website: <https://csdap.earthdata.nasa.gov/signup>

## SmallSat Data Explorer (SDX):

Web interface for central search, discovery, and distribution of CSDA data

<https://www.earthdata.nasa.gov/data/tools/smallsat-data-explorer>

The image displays two screenshots of the SmallSat Data Explorer (SDX) web interface. The left screenshot shows a 'Spatial Heatmap' and a 'Temporal Distribution' bar chart. The right screenshot shows a satellite image with a search results table and filters.

Item (grouped by)	Title	Type	File Size	Area Size	Actions
PSScene3Band-20160625_143229_0b0f	6 assets	5 distinct types	41.0 MB total	42 km <sup>2</sup> total	
PSScene3Band-20160626_220745_0c68	6 assets	5 distinct types	113.1 MB total	200 km <sup>2</sup> total	
PSScene3Band-20160626_220747_0c68	6 assets	5 distinct types	116.5 MB total	200 km <sup>2</sup> total	
...	...	...	...	...	...
Summary	4 assets selected				

CSDA SmallSat Data Explorer (SDX) with thumbnails from Planet Labs, Inc. displayed

# Capella Space



**Dave Jones**

Intelligence Production  
Manager and Senior  
Imagery Analyst

