STAQS field data repository
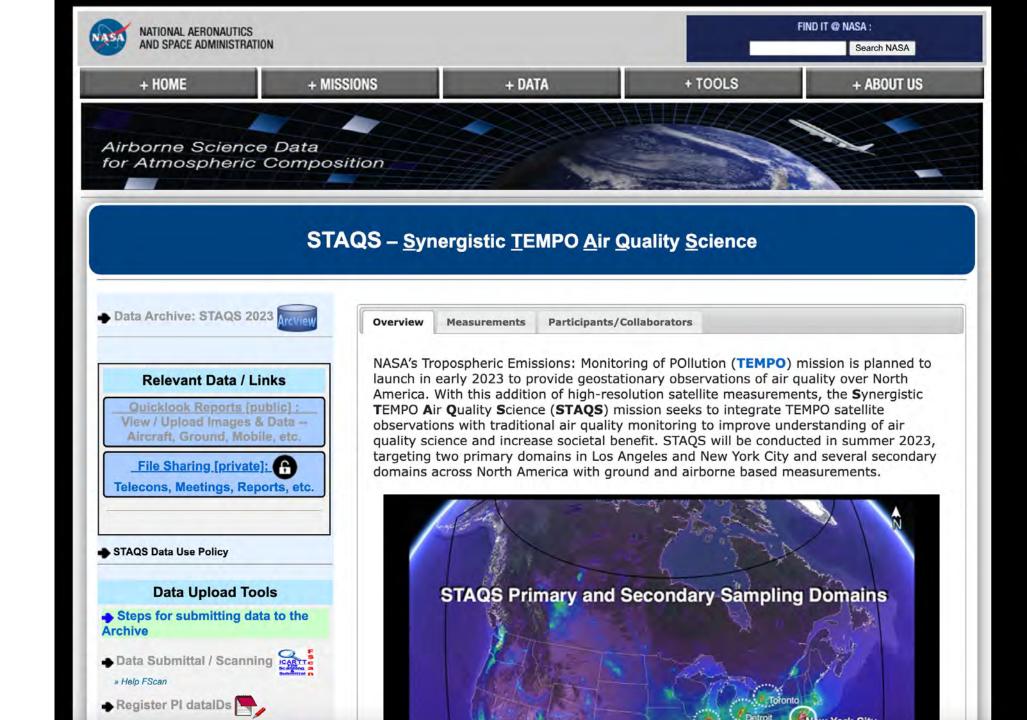
- Field data repository (https://www-air.larc.nasa.gov/missions/staqs/) intended for hosting field or preliminary data and facilitating team information exchange

- Data holdings: field data and publication quality (or final) data

- Data formats: ict, nc, h5, jpg, png, txt, …

- Data file naming convention: ICARTT naming convention

- Data Submission: two-step process described at https://www-air.larc.nasa.gov/missions/etc/steps_data_submission.html. All incoming files will be scanned

- Data access: all field data are password protected for team and partner access only

- Login Information: Contact Michael Shook, Gao Chen, and Laura Judd

+ HOME   **+ MISSIONS**   **+ DATA**   **+ TOOLS**   **+ ABOUT US**

Airborne Science Data
for Atmospheric Composition

STAQS – Synergistic TEMPO Air Quality Science

➡ Data Archive: STAQS 2023   ArcView

Relevant Data / Links

Quicklook Reports [public] :
View / Upload Images & Data –
Aircraft, Ground, Mobile, etc.

 File Sharing [private]: 🔒
Telecons, Meetings, Reports, etc.

➡ STAQS Data Use Policy

Data Upload Tools

➡ **Steps for submitting data to the Archive**

➡ Data Submittal / Scanning   ICARTT FScan Scanning Submittal
 » Help FScan

➡ Register PI dataIDs

| Overview | Measurements | Participants/Collaborators |

NASA's Tropospheric Emissions: Monitoring of POllution (**TEMPO**) mission is planned to launch in early 2023 to provide geostationary observations of air quality over North America. With this addition of high-resolution satellite measurements, the **S**ynergistic **T**EMPO **A**ir **Q**uality **S**cience (**STAQS**) mission seeks to integrate TEMPO satellite observations with traditional air quality monitoring to improve understanding of air quality science and increase societal benefit. STAQS will be conducted in summer 2023, targeting two primary domains in Los Angeles and New York City and several secondary domains across North America with ground and airborne based measurements.

STAQS Primary and Secondary Sampling Domains

STAQS data protocol

- The field/preliminary data are for science team and partners identified by the project leadership
- The field/preliminary data shall NOT be used in publications or public conference by either science team members or partners
- Data source shall be properly cited with DOIs if available. PIs should be acknowledged and consulted for possible co-authorship when their data are used in manuscript
- All NASA funded publication quality data or data from willing parties will be transferred to ASDC for long-term preservation and distribution. The ASDC will assign NASA DOIs to the STAQS data products
- Other data can be released to the public at the field data repository upon request from PI
- All NASA supported teams shall submit the publication quality data within 6 months from the end of the field deployment