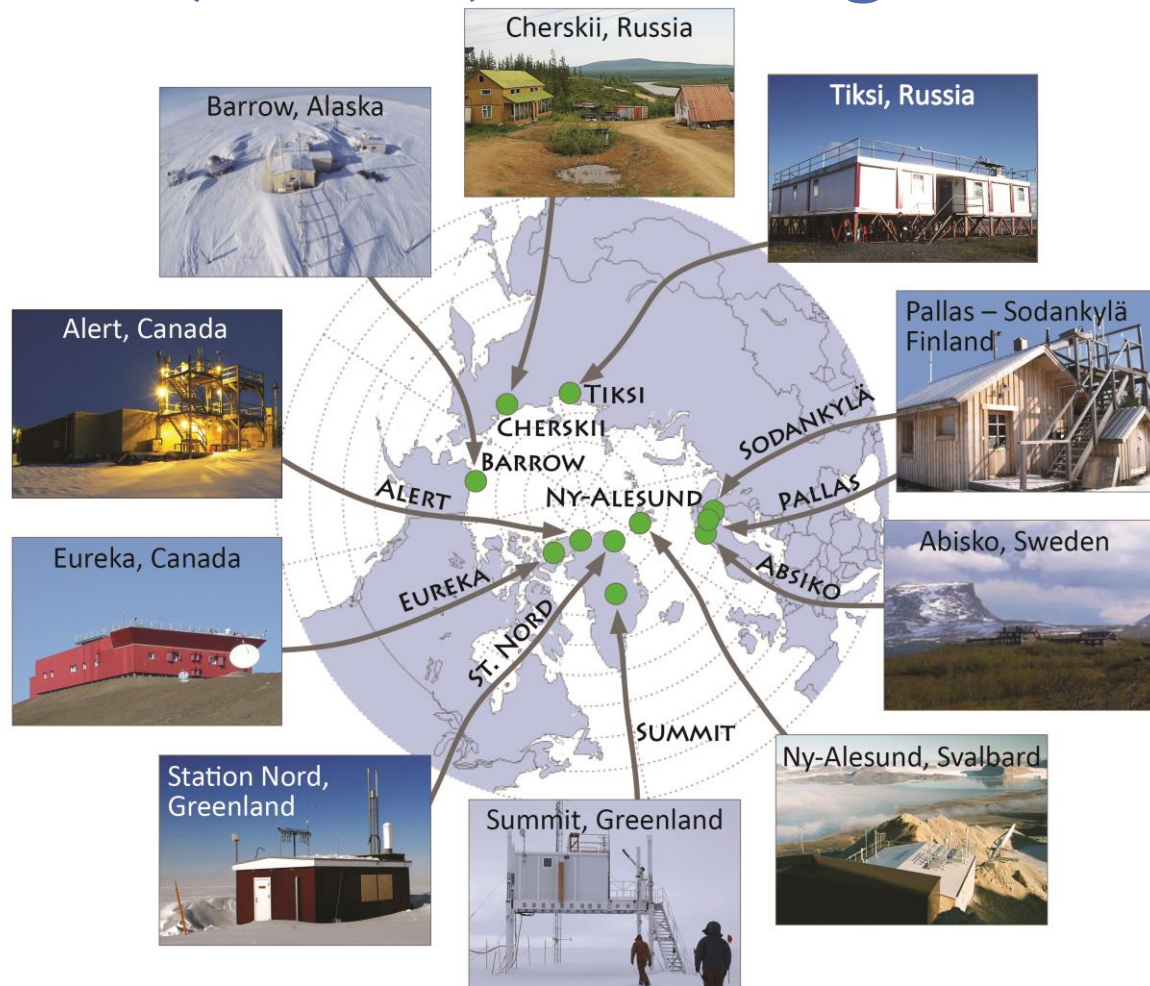
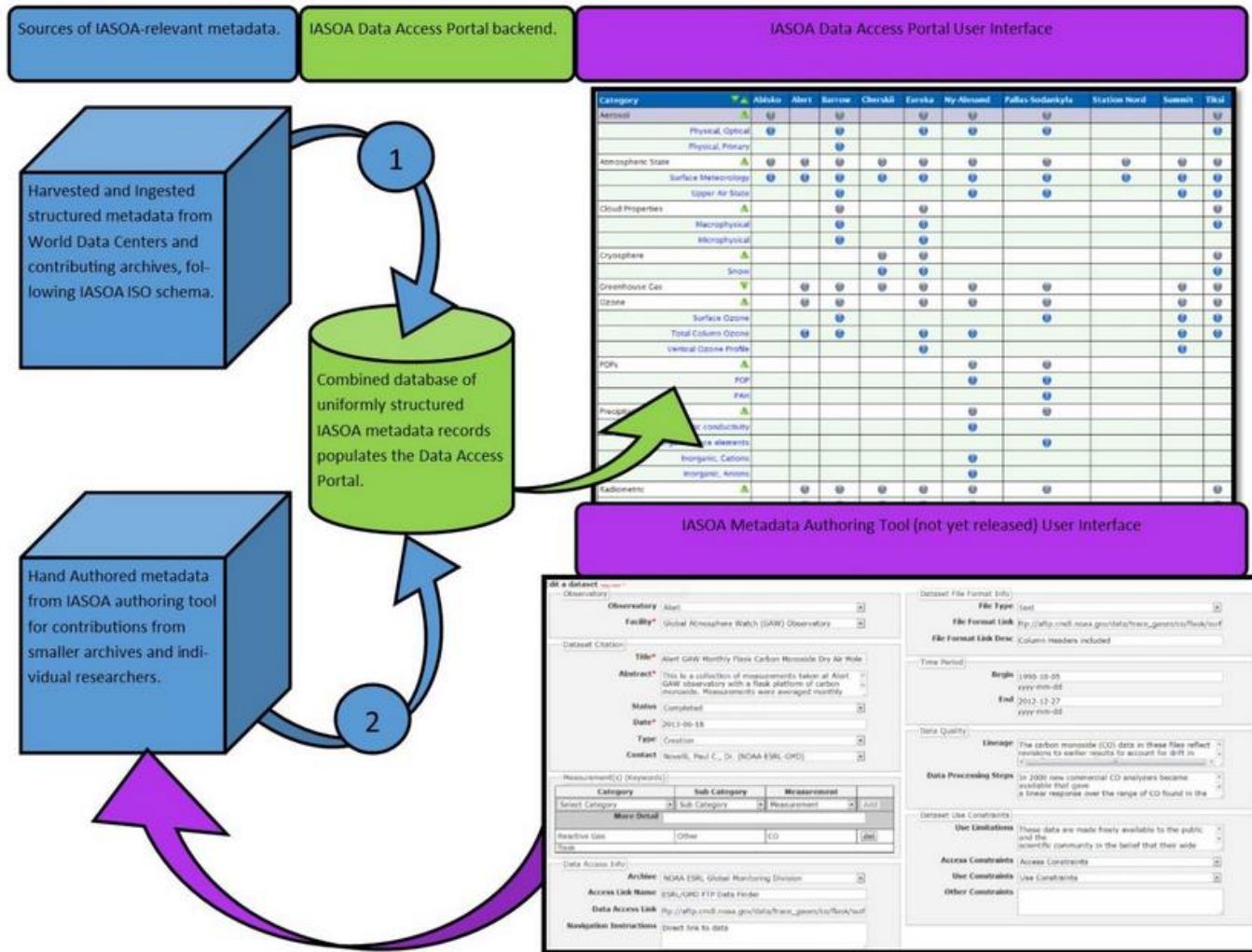


International Arctic Systems for Observing the Atmosphere (IASOA) – Getting Summit Involved



Facilitating Data Access through a Single Gateway



Contributing to the catalog

1. We are a (harvested) catalog, but we include authoring provision
2. Focus on long-term data (AON); avoid issues with idiosyncratic
3. We want accessible data – we can help you find an archive
4. Crowd-sourcing versus Tooth Pulling (maintenance!!)
5. Support giving credit, citations, looking to build in DOI capability

Goal is to bring together expert groups; develop interoperable datasets; do science!!

Iterative cycle of expanding observations; improving data fitness; bringing together experts; motivating them with publications. What we'd like to do more: Work directly with information stakeholders.

Category	Abisko	Alert	Barrow	Cherskii	Eureka	Ny-Alesund	Pallas-Sodankyla	Station Nord	Summit	Tiksi
Aerosol	●	●	●		●	●	●		●	●
Physical, Optical	●	●	●		●	●	●		●	●
Physical, Primary	●	●	●		●	●	●		●	●
Atmospheric State	●	●	●	●	●	●	●	●	●	●
Surface Meteorology	●	●	●	●	●	●	●	●	●	●
Upper Air State	●	●	●	●	●	●	●	●	●	●
Cloud Properties		●	●		●	●	●	●	●	●
Macrophysical		●	●		●	●	●	●	●	●
Microphysical		●	●		●	●	●	●	●	●
Microphysical and Chemical Properties		●	●		●	●	●	●	●	●
Optical and Radiative Properties		●	●		●	●	●	●	●	●
Cryosphere				●	●					●
Snow				●	●					●



Regional Predictions

Linking Arctic Observations with Regional Predictability/Predictions

Net Radiation

Bounding the role of surface radiation in Arctic climate with in situ observations

Methane, Ozone and Other Trace Gases

Bounding the roles of methane, ozone and trace gases on the Arctic climate with in situ observations

Clouds

Bounding the role of clouds, and sensitivities to aerosols, in the Arctic with in situ observations

Black Carbon

Bounding the role of black carbon on the Arctic climate with in situ observations

Atmosphere-Surface Exchanges

Investigating the regional variability of atmosphere-surface exchanges with in situ observations

