ARD for Science and Industry

To explore the current landscape of Analysis Ready Data (users, producers) and strategize ways to harmonize activities and definitions. Through presentations plus breakouts. In a word or phrase, what does Analysis Ready



- ARD definition/approach (or use case) is often community/discipline/application dependent
 - Research/Applications, Space/Earth, Satellite/GIS/Model 0
- ARD linked to data formats, services, and metadata
 - Metadata conventions important for cloud-optimized formats Ο
 - Services for on-the-fly ARD from L1/L2 data 0
- How can we best leverage ESIP community and others
 - Cloud computing cluster (i.e., ARCO work) Ο
 - "Test bed" approach with datasets (OGC model data + recipes) sponsored Ο by ESIP providing data in a standard way
 - Explore "HDF Zoo" concept for analysis ready data 0

Tags: Analysis Ready Data, ARD, ARCO, cloud optimized, metadata, **CEOS, ARDZone, NASA ESO, Machine Learning, AI**

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Want to learn more? Contact: Edward.m.armstrong@jpl.nasa.gov Join: TBD



Poll Result !

Well Understood low pre-preocessing effort HDF5

clean

standardized

Good metdata calibrated, standardized

cloud-optimized

Data mean to you? (You can enter multiple

Quality well-defined variable or indicator

responses.)