CONTRAST Data Policy

Purpose

- Enhance scientific use of project measurements/models
- Promote collaborations
- Ensure fair use of data
- Establish agreed protocol
  - timelines
  - formats

In field data sharing

- Establish routine protocol of 24 – 48 hr data submission after each flight
- Submission via ftp to established site or directly (memory stick, etc.)
- Data use solely for field comparisons, flight planning, science discussion
- Merge products will be done to facilitate collaboration, science discussion
- Data formats: netCDF or ICARTT

Post mission data sharing

- Timetable for data archive submission
  - typically 6 months after mission end date
- Establish location and access to Data Archive
- Data available to Science Team/password protected.
- Public release of data according to individual project requirements.
  - e.g. NSF, 1 year after end of mission
- Requires agreed protocol between collaborating groups (examples available)

Timeline (example)

'Quick Look' data due	24 – 48 hrs after each flight
1 Hz 'Quick Look' Merge	24 -48 hours after PI data
Merges of 'Quick Look' Archive available	Updated as needed
Final data due	15 September 2014
Final Archive data available	15 October 2014
Merged data files available	1 November 2014
Model products available	when submitted
Data Workshop (I)	(TBD)
Final Archive released to public	15 March 2015
Data Workshop (II)	If required
Manuscript and conference presentations	To be determined

Example from START-08

The purpose of this data protocol is to encourage timely analysis and publication of the data obtained during the START08/PRE-HIPPO (ST/PH) mission, to foster collaboration between investigators and to produce an integrated data archive to be used initially by the ST/PH investigators, and then released to the public domain. Public domain users of the data are encouraged to contact project investigators for consultation on appropriate use of measurements and model products as described in this data protocol.

Analysis of preliminary data during the mission is an important component for flight planning and evaluation of science objectives. Thus, the data protocol also includes provisions for creation of a preliminary (or in-field) data archive.

Example from START-08

- All measurements and data products acquired or developed as part of the ST/PH mission by any member of the ST/PH Science Team should be submitted to the ST/PH Archive in one of the data formats described below
- All measurements and data products for the `Quick Look' and Final Archives should be submitted to the ST/PH Data Archive following instructions available on the project management web page (http://start.tamu.edu/data_management.html). Alternately, direct data transfers by memory stick or similar devices can be arranged for the in-field data archive.
- Investigators are responsible for acquiring, processing, certifying and reducing the data from their instruments and providing required data products on schedule (described below).
- Neither measurements, nor data products emerging from analysis of the measurements, in the `Quick Look' archive may be published or used in any presentation without the permission of the PI responsible for the measurements.
- Any ST/PH Science Team member preparing a paper for publication which uses measurements and/or data products submitted to the ST/PH Archive by another group is required to offer co-authorship on the paper to the PI responsible for the parameter(s). Early contact with possible collaborators in development of publication is encouraged to maximize scientific interaction and ensure proper use of PI data.