

## **Annex K: Canadian CloudSat/CALIPSO Validation Project (C3VP) Data Protocol**

1. All publications using C3VP data will be required to acknowledge the funding agencies. All publications should be listed on the C3VP web site.
2. C3VP participating organizations will have free and timely access to the data acquired during the project. The normal vehicle for data dissemination will be a transfer of data via the main archive established at EC; however, direct transfer of data between investigators (organizations) is also encouraged. It may be necessary for some organizations to archive some specialized data sets, and retain them within their organizations. In that case, a summary of that data, and the procedures for obtaining copies, would be transmitted to the C3VP Archive.
3. The types of data to be provided to the C3VP archive and their attached rights will be agreed upon at a special meeting of participating scientists before the field campaign.
4. All data in the C3VP Archive, and sub-archives of participating organizations, shall be comprised of the following components,
  - **Instrument abstract**: A short document describing the instrument, its placement, and data collection method(s).
  - **Data listing**: A listing of each available data segment and its attributes, e.g. filename, start/stop times, duration, data/scan type, etc.
  - **Quality control (QC) report**: Documentation of the calibration and QC procedures including a PI assessment of the data's quality.
  - **Graphical overview**: Time-series multimedia product(s) to yield a quick look at the data.
  - **Data guide**: Documentation of the final data file format(s).
5. Organizations that collect C3VP data are responsible for the reduction, quality control, analysis, interpretation, and publication of their data and research results.
6. Any data sets resulting from collaborative investigations among C3VP participants will be made available to the C3VP Archive. This includes all collaborative efforts both within and outside the C3VP organizations. Any re-processed or combined dataset containing C3VP data should go to the C3VP archive.
7. Each investigator retains rights of first publication of the data until they either appear in publication or the C3VP archive is released to the scientific community.
8. An investigator whose unpublished data are to be used in an investigation has the right to be included among the authors of any resulting publication. The investigator may refuse co-authorship but not the use of this data. Exception is granted to student thesis, as they are recognized as not carrying co-authorship. The investigator must provide information concerning the quality of the data and may require that suitable caveats regarding the data be included in the publication.
9. C3VP participating organizations may release their own data to whomever they wish. They may not release the data of other organizations (investigators) without consent.

10. “Outside” investigators not employed by C3VP participating organizations may participate and/or have access to unpublished C3VP data provided they,
  - are sponsored by a C3VP organization.
  - declare which data they plan to use prior to participation.
11. It is the responsibility of the sponsoring investigator to solicit the participation of the data investigator to process their data.
12. First cuts of reduced data obtained by investigators participating in collaborative research will be made available “internally” to C3VP participants within 3 months following acquisition.
13. The C3VP Archive, and the archives of individual organizations, will be made publicly available, with nominal charges for filling requests, after 3 years after the field project.