LBA-ECO Data Breakout Group

- How to assure that metadata for important data sets continue to be registered.

- How to encourage linking publications to registered data sets.

- Achieve agreement on data documentation standards for LBA-ECO vis-a-vis ORNL DAAC requirements.

- Identify data-related issues associated with the end of LBA-ECO field work (Dec 04/ June 05).

Data Archive and Documentation

- Some data sets should be available and usable for the next 20 years – these data should meet "long term data archive requirements"

- Completing only mandatory fields in Beija-flor may not provide enough metadata/documentation and does not ensure full quality assessment of the actual data

- Limited resources dictate that it will not be possible to bring all data in B-f to long-term archival status
  - Need to select B-f records that should go to long-term archive (there are some good example of data sets that are very close, if not there already)
  - Some data not currently in B-f will need to be tracked

Which data sets should be archived? Criteria to consider

- All data related to pubs in open literature should be archived

- Consider number of ftp-pulls for B-f entries (but PI to PI sharing is not covered in this metric)

- Consider the long-term scientific merit of the data

- Seek input from science team

- Focus on Phase 1 data and prioritize teams not funded for Phase 2

- Will data be lost if not archived by LBA-ECO?

Suggestions from Group

- Create a "LBA-DIS science archive subgroup" with telecons every 6-8 weeks, open to any interested party

- Distinguish an LBA-DIS liaison for each team

- Questions need to be asked when data are fresh and synthesis science will find gaps in data, so synthesis science should be done as soon as possible.

Suggestions from Group

- Documenting/archiving models and software (not just model output)
  - Different metadata requirements
  - Timing issues
- Included a "user-feedback" automatically when users follows "data access" link in B-f
- Reduce the long-term "documentation tool" burden so that extra effort is similar to effort required enter the data in B-f

Getting more data registered

- Require relevant Beija-flor entry/entries for each abstract submitted to July 2004 all-LBA science meeting

- Request any LBA-related "special issue" guest editors require relevant metadata (including long-term archive requirements) - subject to metadata peer review

- Suggest to investigators that data will be part of long term archive and that long-term archive information is needed for papers anyway