

Long-term legacy of the LBA Project: Data Archives

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The Large Scale Biosphere-Atmosphere Experiment in Amazonia (LBA) is the largest cooperative international scientific project ever to study the interaction between the Amazon Forest and the regional and global atmospheres. More than a terabyte of original field data, as well as quality-assured, documented data, are also archived at the LBA Data and Information System at INPE (National Institute for Space Research – BRAZIL) and its mirror site at the Oak Ridge National Laboratory NASA Distributed Active Archive Center for Biogeochemistry (ORNL DAAC). Factors contributing to the success of the archive process include **CO-OPERATION** in form of a robust partnership among the data archive centers, **PLANNING** which is a requirement to elaborate a credible data management plan proposing research, **ACCOUNTABILITY** which makes individual projects eager to continue delivering data and assuring future funding requests, and an user-friendly **DATA SEARCH AND RETRIEVAL SYSTEM** which makes the information freely available to all. Several data milestones were put in place, making sure that data flows in a continuous and steady way. By utilizing similar concepts WDS will employ processes that have been proven to work efficiently.