

The Data and Information System of the Large Scale Biosphere-Atmosphere Experiment in Amazonia - LBA

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The Large-Scale Biosphere-Atmosphere Project in Amazonia (LBA) is an international research study led by Brazil. Investigators include field researchers and modelers from the U.S., South America, and Europe. Beija-flor provides a centralized access point to data sets acquired for and produced by LBA researchers and was developed to support: - Early data exchange among the investigators - Widely diverse data, in both content and format - Data discovery and retrieval, using fielded, free-text, geospatial, and temporal searches Though Beija-flor is a proprietary-based system, its adherence to FGDC metadata standards and the use of XML code allow most of the Beija-flor metadata fields to be understood by other search engines and indexing systems, as well as provide for platform/software-independent creation and maintenance of metadata files.

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