

# LBA-DIS 101

## Overview

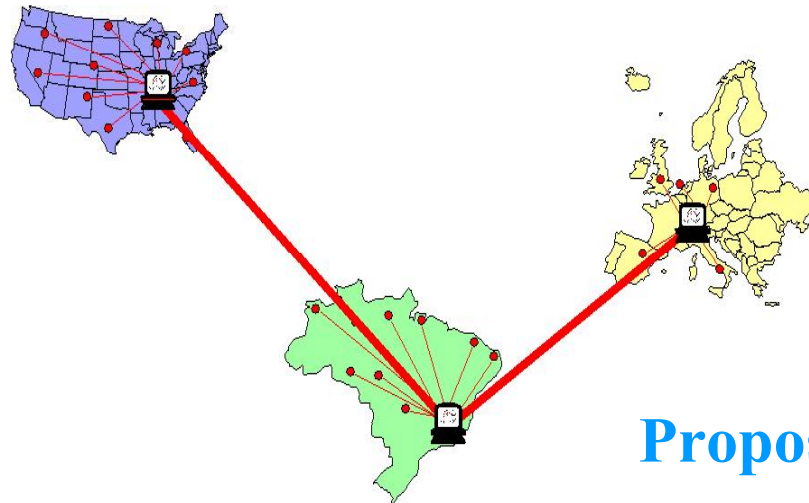
Luiz M. Horta

Fortaleza

Oct 2003

# LBA-DIS

The LBA Data and Information System (DIS) is a data management system acting as repository for all the LBA data. To facilitate use by non-LBA investigators, each data set will be carefully documented and linked in the orderly framework, so that it remains useful after the project has been completed.



**Proposed Configuration**

completed.

The LBA-DIS main components are the Beija-flor and LBA Metadata Editor (LME) Systems.

# Current LBA-DIS Node Configuration



# LBA DATA FLOW:

**1** You  
Produce  
Data

**2** You  
Register/Update  
Metadata

**3** You Transfer  
Data To  
CPTEC

Raw

Preliminary  
Year 1

Preliminary  
Years 2..3..4 >

**Final**  
QA'd with  
Documentation

South  
American.  
P.I.

**LBA  
Metadata  
Editor  
(LME)**

Transfer

Transfer

Transfer

Transfer

**Data  
Archive  
at  
CPTEC**

**4** You & the  
LBA  
community  
can access  
via  
Beija-Flor

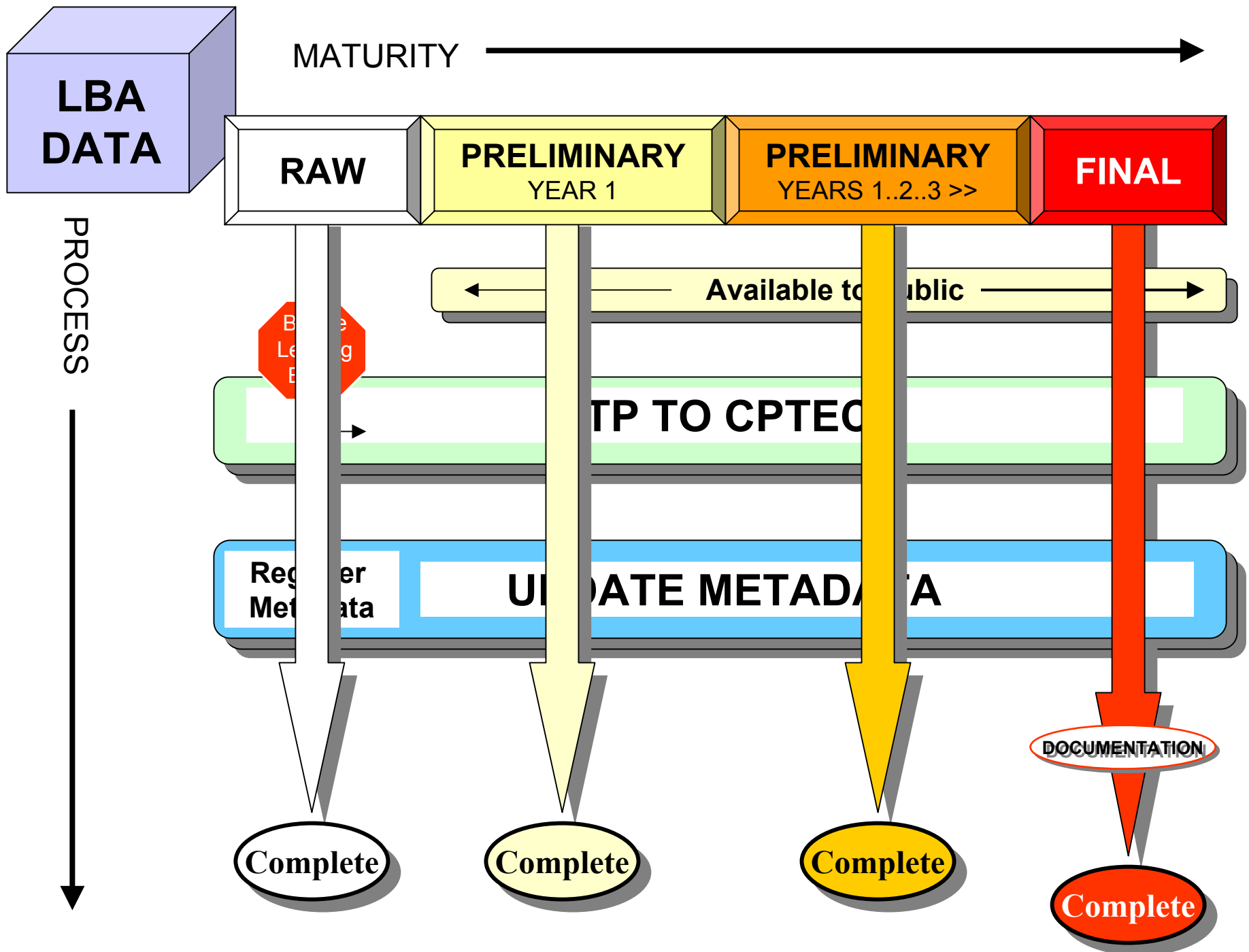
Search

Metadata  
are compiled  
in  
**Beija-Flor**  
Search Engine  
for LBA Data

Receive

**Data Products,  
Data Set Descriptions,  
Papers, Posters,  
Peer Recognition**

**...and continued funding**



# LBA Main Components:

- Beija-flor Search System
- LBA Metadata Editor (LME)

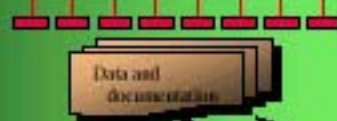
# Beija-Flor

- Web-based search and data retrieval system.
- Includes metadata describing each data set that is contained in the entire distributed LBA System.
- User-friendly interface provides easy access to data.
- Provides capability of maintaining the data at the central server (LBA-DIS) or the home institution server.
- **NOTE: you do NOT have to have an userid/password to access the Beija-flor system!**



## Beija-flor in Brief

1. The data provider uses the LBA Metadata Editor to create a metadata file containing links to the data, documentation, and ancillary files



2. Beija-flor harvests the metadata and builds an index of the metadata



6. Data and documentation are downloaded directly from the data provider

5. User links to data provider's server

3. Users query the index



4. Full metadata are returned to the user, including links back to the data provider

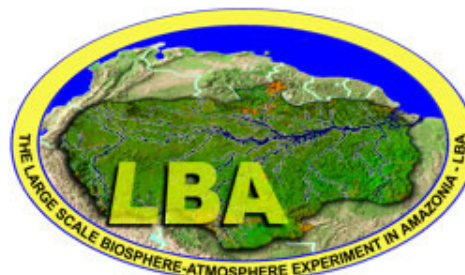
The metadata contain links to full metadata, documentation, data, and ancillary files at the researcher's site. Data flows directly from supplier to user.



SCIENCE	DATA & INFORMATION	CALENDAR	PARTICIPANTS
RESEARCH ANNOUNCEMENTS	TRAINING AND EDUCATION	COMUNICACION AND OUTREACH	
ORGANIZATION AND COORDENATION	SCIENTIFIC PUBLICATION	LINKS - LINKS TO RELATED RESEARCH	

#### Quick Picks:

Select One:




English

Português

The Large Scale Biosphere-Atmosphere Experiment in Amazonia (LBA) is an international research initiative led by Brazil. LBA is designed to create the new knowledge needed to understand the climatological, ecological, biogeochemical, and hydrological functioning of Amazonia, the impact of land use change on these functions, and the interactions between Amazonia and the Earth system. You can access this site also in [North America](#) at the Oak Ridge National Laboratory, Tennessee, USA .

Last Update: 07Aug2003

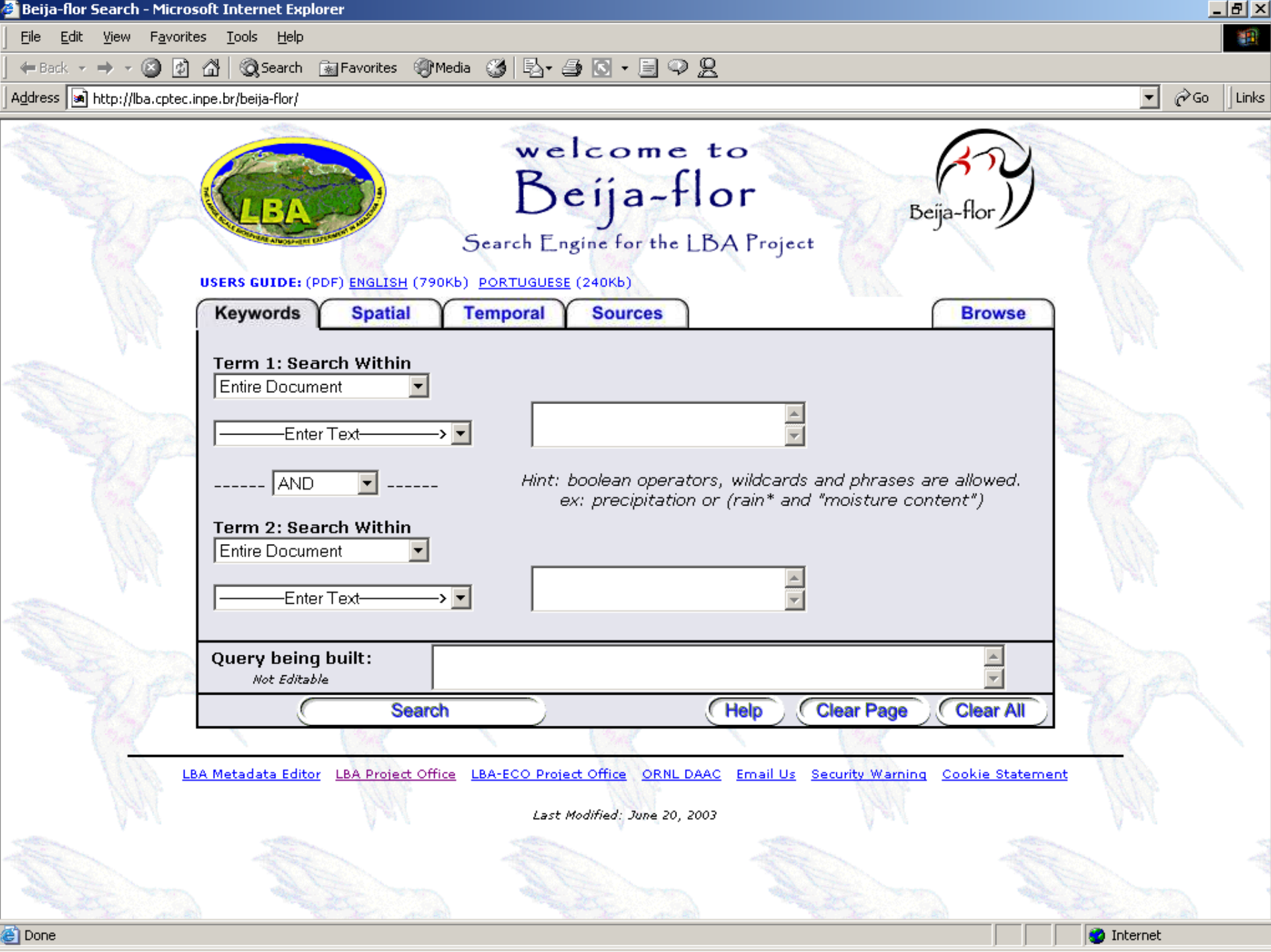
 Comments and suggestions

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LBA WEB site:

<http://lba.cptec.inpe.br>

[http://daac.ornl.gov/lba\\_cptec/lba](http://daac.ornl.gov/lba_cptec/lba)





# welcome to Beija-flor

Search Engine for the LBA Project



[USERS GUIDE: \(PDF\)](#) [ENGLISH \(790Kb\)](#) [PORTUGUESE \(240Kb\)](#)

**Keywords**

**Spatial**

**Temporal**

**Sources**

**Browse**

Select Site:

North

West

**Map**

East

South

**Search Area**

☒ Overlaps ☐ Encloses

Enter West Longitudes and South Latitudes as negative values or use the map.

Query being built:

*Not Editable*

**Search**

**Help**

**Clear Page**

**Clear All**

[LBA Metadata Editor](#) [LBA Project Office](#) [LBA-ECO Project Office](#) [ORNL DAAC](#) [Email Us](#) [Security Warning](#) [Cookie Statement](#)

*Last Modified: June 20, 2003*





6.2 S

62.5 W

51.5 W

11.6000000

Zoom In

Zoom Out

Select Area: —Select Area—

Main Page

Cancel

*[LiveMap](#) JAVA applet is provided courtesy of Jonathan Callahan at [PMEL](#)*



# welcome to Beija-flor

Search Engine for the LBA Project



[USERS GUIDE: \(PDF\)](#) [ENGLISH \(790Kb\)](#) [PORTUGUESE \(240Kb\)](#)

**Keywords**

**Spatial**

**Temporal**

**Sources**

**Browse**

during Jan. 1 thru Jan. 1

Query being built:

*Not Editable*

**Search**

**Help**

**Clear Page**

**Clear All**

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[USERS GUIDE: \(PDF\)](#) [ENGLISH \(790Kb\)](#) [PORTUGUESE \(240Kb\)](#)

**Keywords**

**Spatial**

**Temporal**

**Sources**

**Browse**

Hold down the shift or control key to select multiple indexes.

All

1) LBA (Last Updated: Oct. 22, 2003)

2) ESIP (Last Updated: Oct. 22, 2003)

Query being built:

*Not Editable*

**Search**

**Help**

**Clear Page**

**Clear All**

[LBA Metadata Editor](#) [LBA Project Office](#) [LBA-ECO Project Office](#) [ORNL DAAC](#) [Email Us](#) [Security Warning](#) [Cookie Statement](#)

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Search Engine for the LBA Project



[USERS GUIDE: \(PDF\)](#) [ENGLISH \(790Kb\)](#) [PORTUGUESE \(240Kb\)](#)

Keywords	Spatial	Temporal	Sources	Browse
<b>Term 1: Search Within</b> <div>Entire Document</div> <div>Enter Text</div> <div>carbon</div>				
----- <div>AND</div> -----				
<b>Term 2: Search Within</b> <div>Entire Document</div> <div>Enter Text</div>				
<i>Hint: boolean operators, wildcards and phrases are allowed. ex: precipitation or (rain* and "moisture content")</i>				
<b>Query being built:</b> <i>Not Editable</i>				
<div>Search</div> <div>Help</div> <div>Clear Page</div> <div>Clear All</div>				

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# Beija-flor

Search Engine for the LBA Project



Database Name	Status : 0 Minutes, 3 seconds	# Results	Last Updated
<a href="#">LBA</a>	Search Complete	184	Oct. 22, 2003
<a href="#">ESIP</a>	Search Complete	22	Oct. 22, 2003

*For successful searches click on the database name to get the corresponding results*

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# Beija-flor

Search Engine for the LBA Project



Current Database: **LBA**

QUERY:

Entire Document = **carbon**

Viewing documents 11-20 out of 184

[Prev](#) [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) [Next](#)

**11. Data Set Title:** Vertical profiles of carbon dioxide and other trace gas species over the Amazon Basin using small aircraft  
[Access data and documentation...](#)

**Description:** We collect air samples during regular (weekly) flights over the Santarem area and over the Atlantic Ocean off the coast near Fortaleza. Small charter aircraft are used for the flights, and the samples are collected using automated equipment. The samples are shipped to our laboratory in Boulder for analysis for CO<sub>2</sub>, CO, CH<sub>4</sub>, H<sub>2</sub>, N<sub>2</sub>O, SF<sub>6</sub> and the stable isotopes of C and O in CO<sub>2</sub>. Since the average air flow over this region is dominated by the easterly Trade Winds, the data will give a measure of the change in trace gas and isotope composition during advection of air across the Amazon Basin. Regional sources and sinks leave imprints on the trace gas concentrations that we observe. Measurements of the anthropogenic tracer SF<sub>6</sub> provide an indicator for the penetration of Northern Hemisphere air into the study region. Measurements of the <sup>13</sup>C/<sup>12</sup>C isotope ratio in CO<sub>2</sub> should provide information about the relative rates of C-3 (generally forest) and C-4 (savanna & pasture) photosynthesis, since these processes have very different isotopic signatures.

**12. Data Set Title:** Isotopes in soil gases sampled in primary and secondary forests and pastures at Fazenda Vitoria 1992 to 1999  
[Access data and documentation...](#)

**Description:** Carbon isotopes sampled in soil gas. Soil gases were sampled from tubes inserted laterally into deep soil pits (to 800 cm depth) at Fazenda Vitoria sites in primary and secondary forest, degraded and managed pasture. Samples taken using syringes were analyzed in the field for CO<sub>2</sub> content. Samples taken for isotopes were stored in pre-evacuated flasks and CO<sub>2</sub> was isolated cryogenically. No correction was made for N<sub>2</sub>O in the stable carbon isotope analyses reported here. Details are given in Trumbore, S. E., E. A. Davidson, P. B. de Camargo, D. C. Nepstad and L. A. Martinelli, Belowground cycling of carbon in forests and pastures of Eastern Amazonia. *Global Biogeochemical Cycles* 9: 515-528 (1995) and in



# Beija-flor

Search Engine for the LBA Project



[Search Again](#)

QUERY:

Entire Document = carbon

**Title:** Carbon and nutrient accumulation in secondary forests regenerating from degraded pastures in central Amazonia, Brazil (Feldpausch et al.)

**Project:** LBA (Large-Scale Biosphere-Atmosphere Experiment in the Amazon)

**Activity Identifier:** LBA-ECO

**LBA Science Component:** Nutrient Dynamics

**LBA Investigation Team ID:** ND-04 (Fernandes / Wandelli)

**Investigator(s):** Feldpausch, Ted R. Email: [trf2@cornell.edu](mailto:trf2@cornell.edu)  
Fernandes, Erick C.M. Email: [ecf3@cornell.edu](mailto:ecf3@cornell.edu)  
Rondon, Marco Antonio Email: [m.rondon@cgiar.org](mailto:m.rondon@cgiar.org)  
Riha, Susan J. Email: [sjr4@cornell.edu](mailto:sjr4@cornell.edu)

**Contact(s):** Feldpausch, Ted R. Email: [trf2@cornell.edu](mailto:trf2@cornell.edu)

**Status:** Preliminary

**Access Restrictions:** Restricted

**Data Set Location:**

**Data Center Contact:** Luiz Horta

**Data Center URL:** <http://lba.cptec.inpe.br/>

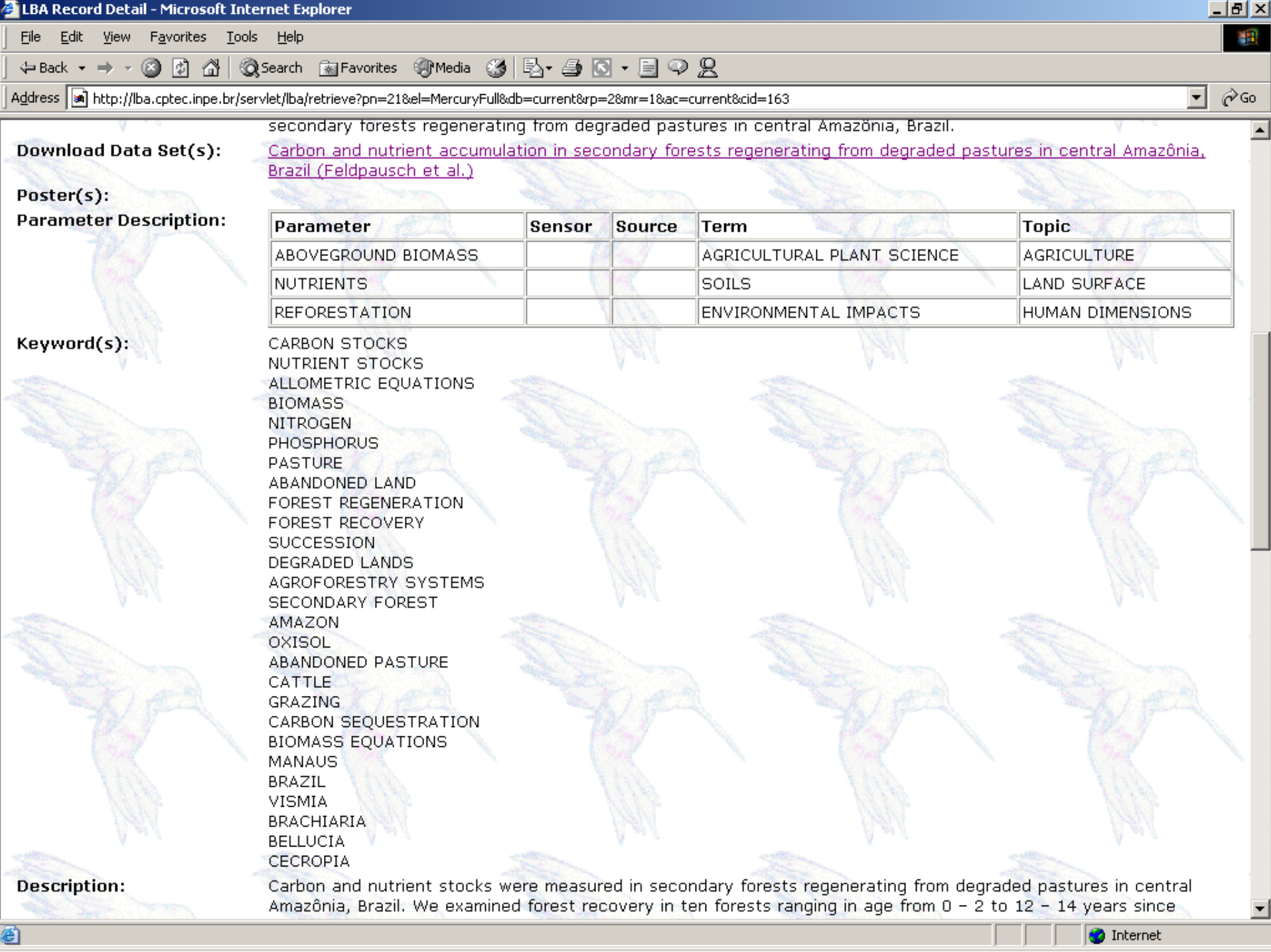
**Data Set Citation:** Feldpausch, T.R., Erick C.M. Fernandes, Marco A. Rondon, Susan J. Riha. Carbon and biomass accumulation in secondary forests regenerating from degraded pastures in central Amazônia, Brazil.

**Download Data Set(s):** [Carbon and nutrient accumulation in secondary forests regenerating from degraded pastures in central Amazônia, Brazil \(Feldpausch et al.\)](#)

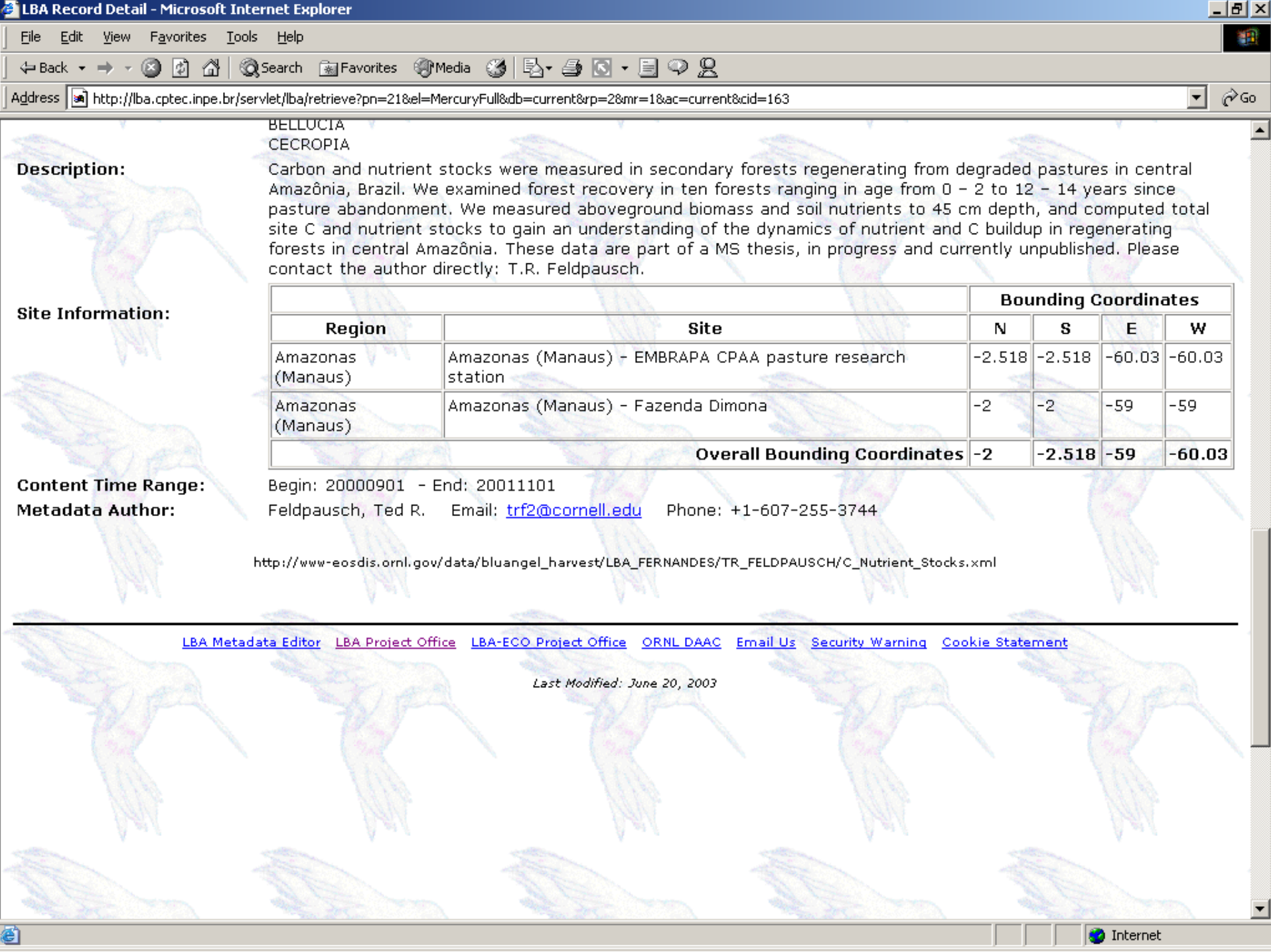
**Poster(s):**

**Parameter Description:**





secondary forests regenerating from degraded pastures in central Amazônia, Brazil.				
<a href="#">Carbon and nutrient accumulation in secondary forests regenerating from degraded pastures in central Amazônia, Brazil (Feldpausch et al.)</a>				
Parameter	Sensor	Source	Term	Topic
ABOVEGROUND BIOMASS			AGRICULTURAL PLANT SCIENCE	AGRICULTURE
NUTRIENTS			SOILS	LAND SURFACE
REFORESTATION			ENVIRONMENTAL IMPACTS	HUMAN DIMENSIONS



BELLUCIA  
CECROPIA

**Description:**

Carbon and nutrient stocks were measured in secondary forests regenerating from degraded pastures in central Amazônia, Brazil. We examined forest recovery in ten forests ranging in age from 0 - 2 to 12 - 14 years since pasture abandonment. We measured aboveground biomass and soil nutrients to 45 cm depth, and computed total site C and nutrient stocks to gain an understanding of the dynamics of nutrient and C buildup in regenerating forests in central Amazônia. These data are part of a MS thesis, in progress and currently unpublished. Please contact the author directly: T.R. Feldpausch.

**Site Information:**

		Bounding Coordinates			
Region	Site	N	S	E	W
Amazonas (Manaus)	Amazonas (Manaus) - EMBRAPA CPAA pasture research station	-2.518	-2.518	-60.03	-60.03
Amazonas (Manaus)	Amazonas (Manaus) - Fazenda Dimona	-2	-2	-59	-59
Overall Bounding Coordinates		-2	-2.518	-59	-60.03

**Content Time Range:**

Begin: 20000901 - End: 20011101

**Metadata Author:**

Feldpausch, Ted R. Email: [trf2@cornell.edu](mailto:trf2@cornell.edu) Phone: +1-607-255-3744

[http://www-eosdis.ornl.gov/data/bluangel\\_harvest/LBA\\_FERNANDES/TR\\_FELDPAUSCH/C\\_Nutrient\\_Stocks.xml](http://www-eosdis.ornl.gov/data/bluangel_harvest/LBA_FERNANDES/TR_FELDPAUSCH/C_Nutrient_Stocks.xml)

[LBA Metadata Editor](#) [LBA Project Office](#) [LBA-ECO Project Office](#) [ORNL DAAC](#) [Email Us](#) [Security Warning](#) [Cookie Statement](#)

*Last Modified: June 20, 2003*



# Beija-flor

Search Engine for the LBA Project



[Search Again](#)

**QUERY:**  
**Entire Document = eddy covariance**

**Title:** Using Eddy Covariance and Bowen Ratio Methods to Estimate Inter-Annual Variation in Evapotranspiration of a Transition Tropical Forest of Mato Grosso, Brazil (Poster)

**Project:** LBA (Large-Scale Biosphere-Atmosphere Experiment in the Amazon)

**Activity Identifier:** Poster -- 2nd LBA Science Conference, Manaus, Amazonas, July 2002

**LBA Science Component:** Carbon Dynamics

**LBA Investigation Team ID:** CD-12 (Vourlitis / Priante)

**Investigator(s):** Hayashi, Mauro Massao Shiota Email:

**Contact(s):** Hayashi, Mauro Email: [massao@cpd.ufmt.br](mailto:massao@cpd.ufmt.br)

**Status:** Select Status from Pick List

**Access Restrictions:** Select Restrictions from Pick List

**Data Set Location:** LBA DIS, INPE/CPTEC

**Data Center Contact:** Luiz M. Horta

**Data Center URL:** <http://lba.cptec.inpe.br/lba>

**Data Set Citation:**

**Download Data Set(s):**

**Poster(s):** <ftp://lba.cptec.inpe.br/posters/CD/CD-12/Manaus2002/MHAY-0339-001.DOC>  
<ftp://lba.cptec.inpe.br/posters/CD/CD-12/Manaus2002/MHAY-0339-001.pdf>

**Parameter Description:**

Parameter	Sensor	Source	Term	Topic
Select Parameter from Pick List				

**Keyword(s):**

# LBA Metadata Editor (LME)

- Web-based system to create a metadata file.
- Metadata contains links to the data, documentation and ancillary files.
- Utilizes XML (eXtensible Markup Language).
- **NOTE: userid/password required to use the system!**



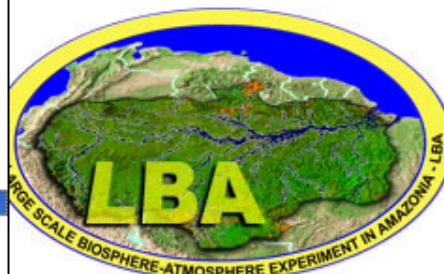
[HOME LBA](#)[HOME PRE-LBA](#)[INTRODUCTION](#)[STUDY AREA](#)[CONSCIE EXP. PLAN](#)[SITE MAP](#)[BEIJA-FLOR  
SEARCH ENGINE](#)[PRODUCTS  
ONLINE!](#)[SATELLITE](#)[SONDAGEM](#)[DCP-AWS](#)[EXPERIMENTS!](#)[AMC](#)[TRMM](#)[CARBONCYCLE](#)

SCIENCE	DATA & INFORMATION	CALENDAR	PARTICIPANTS
RESEARCH ANNOUNCEMENTS	TRAINING AND EDUCATION	COMUNICACION AND OUTREACH	
ORGANIZATION AND COORDENATION	SCIENTIFIC PUBLICATION	LINKS - LINKS TO RELATED RESEARCH	

**Quick Picks:**

Select One:

Select One:

[Latest News](#)[Shipping Procedures](#)[II Scientific Conference Results](#)[Transferring Data to CPTEC](#)[DRYTOWET Campaign](#)[Project List](#)[Reports](#)[Metadata Editor](#)[Workshops and Conference](#)[Courses, Seminars and Lectures](#)[Congress and Teleconference](#)[Policies and Procedures](#)[Infrastructure and Logistic](#)[Related Web Sites](#)[Maps at Sites](#)[Contact us](#)[English](#)[Português](#)

here-Atmosphere Experiment in Amazonia (LBA) is an  
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knowledge needed to understand the climatological, ecological, biogeochemical, and  
hydrological functioning of Amazonia, the impact of land use change on these  
functions, and the interactions between Amazonia and the Earth system.

You can access this site also in [North America](#) at the Oak Ridge National Laboratory,  
Tennessee, USA .

**Last Update: 22Oct2003**[Comments and suggestions](#)

[Seventh LBA-  
ECO Science Team  
Business Meeting](#)  
[Opportunities](#)  
08Sep2003

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HOME LBA

HOME PRE-LBA

INTRODUÇÃO

ÁREA DE ESTUDO

PLANO EXP.CONCISO

MAPA DO SITE

BEIJA-FLOR  
PESQUISA DE DADOSPRODUTOS  
ONLINE

SATÉLITE

SONDAGEM

PCD'S

EXPERIMENTOS

AMC

TRMM

CARBONCYCLE

CIÊNCIAS	INFORMAÇÕES & DADOS	CALENÁRIO	PARTICIPANTES
ANÚNCIOS SOBRE PESQUISAS	TREINAMENTO E EDUCAÇÃO	COMUNICAÇÃO E DIVULGAÇÃO	
ORGANIZAÇÃO E COORDENAÇÃO	PUBLICAÇÕES CIENTÍFICAS	LINKS - LBA E OUTRAS PESQUISAS	

## LBA Metadata Editor at CPTEC

### for the *Beija-flor* Search Engine

*Bringing Scientific Data to  
Light*

We appreciate your willingness to share project data.

Please use our Metadata Editor to describe your data holdings. If you are not ready to publicize your data, you can save the descriptions strictly for your own use. When you are ready, you can make them public. Our search engine will "see" your descriptions and allow other researchers to find out about your data through on-line searches.

Want to try out the Metadata Editor? You can type in 'guest' as the User ID and leave the password blank.

You can save your files in a separate, personal area if you have your own User ID. To request a User ID, call 55-0xx12-560-8536 or email [lba-dis@cptec.inpe.br](mailto:lba-dis@cptec.inpe.br)

User ID:  Password:

Login

Undo

Provided by the [ORNL DAAC](#)

Version 4.3.02, Revision Date: 31 July 2003



HOME LBA

HOME PRE-LBA

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INFORMAÇÕES &amp; DADOS

CALENDÁRIO

PARTICIPANTES

ANÚNCIOS SOBRE PESQUISAS

TREINAMENTO E EDUCAÇÃO

COMUNICAÇÃO E DIVULGAÇÃO

ORGANIZAÇÃO E COORDENAÇÃO

PUBLICAÇÕES CIENTÍFICAS

LINKS - LBA E OUTRAS PESQUISAS

File Information Searchable? ☐ Yes ☐ No

## LBA Metadata Editor at CPTEC for the *Beija-flor Search Engine*

*Bringing Scientific Data to Light*

Welcome to version 2 of the LBA Metadata Editor.

This version is simpler and more powerful, and more compatible with new XML editors like XML Spy.

If you have previously used version 1, the metadata from your HTML files have automatically been copied to XML files. Your HTML files are unchanged. It is no longer possible or desirable to modify HTML files using this tool. You may create links in your XML to HTML files, either on this computer or on other computers. One XML file may link to multiple HTML files. If your old HTML files contain only metadata and no additional text, we recommend that you delete them.

We have designed the LBA Metadata Editor to help you create and update [metadata](#) files containing key information about your research--whether it is proposed, ongoing, or completed. Metadata includes information like the title of your data set, your name, and characteristics of the data. It can also contain links to web pages that you have developed. Just fill out our form and save it. It will automatically become a metadata file. Then you can decide whether to send the metadata to the Beija-flor search engine.

We include four categories of metadata: [science team information](#), [data set information](#), [data access information](#), and [data set documentation](#). The first three categories are designed to help a user **search and locate** data sets that meet his or her criteria. The last category, data set documentation, is designed to help a user **understand the data and evaluate** the data for usefulness for his or her purposes.

Note that the metadata in the first three categories are intentionally general in content. They are, in effect, a "least common denominator" designed to help a user search for and locate data sets that are similar in content but are located in many geographically distributed sources in disparate file structures and formats. These metadata fields are not detailed enough to fully document your data set. To do that, you will need to access the [Documentation Tool](#) that is currently under development and, when completed, will be incorporated into the LBA Metadata Editor.

### Getting Started

You will find our forms easier to use if your browser is at full screen and if you set your browser to update pages automatically. (For help with setting your browser, click [here](#).) You can also adjust the green frame bars to change the size of each viewing area. If you are a first-time user, we suggest that you briefly look at the helpful options under the Information menu at the top of this screen. When you are ready to work, go to the File menu and select the desired option.

VII Reunião das  
Equipes Científicas  
do LBA-ECO (Inglês)  
 Oportunidades  
08/09/2003

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ORGANIZAÇÃO E COORDENAÇÃO

PUBLICAÇÕES CIENTÍFICAS

LINKS - LBA E OUTRAS PESQUISAS

File Information Searchable? ☐ Yes ☐ No

File  
New...  
Open...  
Close...  
Save...  
Save As...  
Delete...  
---  
Exclude...  
---  
Upload...  
View / Download...  
Import...  
Export...

## Metadata Editor at CPTEC

### for Search Engine

of the LBA Metadata Editor.

and more powerful, and more compatible with new XML editors like XML Spy.

*Bringing Scientific Data to Light*

used version 1, the metadata from your HTML files have automatically been copied to XML files. Your HTML files are as possible or desirable to modify HTML files using this tool. You may create links in your XML to HTML files, either on your computers. One XML file may link to multiple HTML files. If your old HTML files contain only metadata and no additional data, you delete them.

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## Opening a File

Select a file to open from the list below or enter a new file in the 'File to Open' box.

Your  
Web  
Files:

- /inetpub/wwwroot/harvest/fmeixner/franzmeixner.xml
- /inetpub/wwwroot/harvest/groberts/LBAposter\_gregroberts.xml
- /inetpub/wwwroot/harvest/hlaurent/poster.xml
- /inetpub/wwwroot/harvest/jccaballos/jccaballos.xml
- /inetpub/wwwroot/harvest/jccaballos/jccaballos.xml\_
- /inetpub/wwwroot/harvest/jtota/tota.xml

(NOTE! The following file(s) can be viewed but not updated.)

/inetpub/wwwroot/harvest/lbadis/example\_metadata.xml

File

to /inetpub/wwwroot/harvest/fmeixner/franzmeixner.xml

Open:

OPEN

Cancel



## metadata

/inetpub/wwwroot/harvest/fm  
(20030711 204156)

## Team Information:

## Investigation Team:

Team ID: AC-201 (And  
Investigator:Name: Andreae, Mein  
Email: moa@mpch-mai

## Contact Person:

Name: Meixner, Franz  
LBA Science Component

## Metadata Author:

Name: Meixner, Franz

## Data Set Information:

Data Set Title: Conce

Activity: Poster -- I

Project: LBA (Large-S

## Site Information:

Site: Rondonia - Faz

Region: Rondonia

Westernmost Longitud

Easternmost Longitud

Northernmost Latitud

Southernmost Latitud

## Time Period:

Temporal Coverage:

## Parameter Description

Topic: ATMOSPHERE

Term: ATMOSPHERIC CH

Parameter: TRACE GAS

## Description:

Concentrations and

## Data Access Informatio

Data Set Location: CP

File Edit Information Home

Searchable? ☒ Yes ☐ No Smart Picklist? ☒ Smart ☐ Full Auto-Collapse? ☒ Yes ☐ No

(click links below to see pick lists here) Use Picklist Selection

From: /inetpub/wwwroot/harvest/fmeixner/franzmeixner.xml

(\*)=mandatory. (+)=expand. (-)=collapse. (m)=mark item. (s)=simplify form. (v)=make verbose. (t)=make terse.

## • Team Information:\*(-)

## o Investigation Team:\*(-)

■ Team ID\*: (show pick list at top) (m s t) AC-201 (Andreae / Artaxo)

## ■ Investigator:\*(-)

■ Name\*: (show pick list at top) (example: Jones, Dr. Robert W.)(m s t)

Andreae, Meinrat O.

■ Email: (show pick list at top) (m s t) moa@mpch-mainz.mpg.de

add another Investigator

☐ Copy contents

## o Contact Person:\*(-)

■ Name\*: (example: Jones, Dr. Robert W.)(m s t) Meixner, Franz X.

■ Email:(m s t)

add another Contact Person

☐ Copy contents

## o LBA Science Component\*: (show pick list at top) (m s t)

Trace Gas and Aerosol Fluxes

## o Metadata Author:\*(-)

■ Name\*: (example: Jones, Dr. Robert W.)(m s t) Meixner, Franz X.

■ Email:(m s t)

■ Phone:(m s t)

## • Data Set Information:\*(-)

o Data Set Title\*: (m s t) Concentrations and fluxes of trace gases at several Rondonian fores

o Activity\*: (show pick list at top) (m s t) Poster -- LBA Science Conference, Belem, Para, June 2000

## metadata

/inetpub/wwwroot/harvest/fm  
(20030711 204156)

## Team Information:

## Investigation Team:

Team ID: AC-201 (And

## Investigator:

Name: Andreae, Mein

Email: moa@mpch-mai

## Contact Person:

Name: Meixner, Franz

LBA Science Component

## Metadata Author:

Name: Meixner, Franz

## Data Set Information:

Data Set Title: Conce

Activity: Poster -- L

Project: LBA (Large-S

## Site Information:

Site: Rondonia - Faz

Region: Rondonia

Westernmost Longitud

Easternmost Longitud

Northernmost Latitud

Southernmost Latitud

## Time Period:

Temporal Coverage:

## Parameter Description

Topic: ATMOSPHERE

Term: ATMOSPHERIC CH

Parameter: TRACE GAS

## Description:

Concentrations and

## Data Access Informatio

Data Set Location: CP

File Edit Information Home

Searchable? ☒ Yes ☐ No Smart Picklist? ☒ Smart ☐ Full Auto-Collapse? ☒ Yes ☐ No

(click links below to see pick lists here) Use Picklist Selection

## • Data Set Information:\*(-)

- o Data Set Title:\*(m s t) Concentrations and fluxes of trace gases at several Rondonian fores
- o Activity:\*(show pick list at top) (m s t) Poster -- LBA Science Conference, Belem, Para, June 2000
- o Project:\*(show pick list at top) (m s t) LBA (Large-Scale Biosphere-Atmosphere Experiment in the Amazo
- o Site Information:\*(-)

- Site:\*(show pick list at top) (m s t) Rondonia - Fazenda Nossa Senhora

- Region:\*(show pick list at top) (m s t) Rondonia

## ▪ Westernmost Longitude:

Enter decimal fractions of degrees: -62.3572 (+ = E, - = W)

or Degrees, Minutes, Seconds: 62 21 26 ☐ East ☒ West

## ▪ Easternmost Longitude:

Enter decimal fractions of degrees: -62.3572 (+ = E, - = W)

or Degrees, Minutes, Seconds: 62 21 26 ☐ East ☒ West

## ▪ Northernmost Latitude:

Enter decimal fractions of degrees: -10.7618 (+ = N, - = S)

or Degrees, Minutes, Seconds: 10 45 42 ☐ North ☒ South

## ▪ Southernmost Latitude:

Enter decimal fractions of degrees: -10.7618 (+ = N, - = S)

or Degrees, Minutes, Seconds: 10 45 42 ☐ North ☒ South

- Geodetic Datum:\*(show pick list at top) (Select WGS-84 unless known to be different)(m s t)

add another Site Information

☐ Copy contents

## o Time Period:\*(-)

- Temporal Coverage:\*(-)

Start Date: 2000/01/01

## metadata

/inetpub/wwwroot/harvest/fm  
(20030711 204156)

## Team Information:

## Investigation Team:

Team ID: AC-201 (And

## Investigator:

Name: Andreae, Mein

Email: moa@mpch-mai

## Contact Person:

Name: Meixner, Franz

LBA Science Component

## Metadata Author:

Name: Meixner, Franz

## Data Set Information:

Data Set Title: Conce

Activity: Poster -- I

Project: LBA (Large-S

## Site Information:

Site: Rondonia - Faz

Region: Rondonia

Westernmost Longitud

Easternmost Longitud

Northernmost Latitud

Southernmost Latitud

## Time Period:

Temporal Coverage:

## Parameter Description

Topic: ATMOSPHERE

Term: ATMOSPHERIC CH

Parameter: TRACE GAS

## Description:

Concentrations and

## Data Access Informatio

Data Set Location: CP

File Edit Information Home

Searchable? ☒ Yes ☐ No Smart Picklist? ☒ Smart ☐ Full Auto-Collapse? ☒ Yes ☐ No

(click links below to see pick lists here) Use Picklist Selection

## o Time Period: (-)

## ■ Temporal Coverage:\*(-)

■ Start Date: (YYYYMMDD)

■ End Date: (YYYYMMDD)

## ■ Temporal Resolution: (show pick list at top) (m s t)

## o Parameter Description:\*(-)

■ Topic: (show pick list at top) (m s t) ATMOSPHERE

■ Term: (show pick list at top) (m s t) ATMOSPHERIC CHEMISTRY

■ Parameter\*: (show pick list at top) (m s t) TRACE GASES

■ Sensor: (show pick list at top) (i.e. sensor or instrument)(m s t)

■ Source: (show pick list at top) (i.e. source or platform)(m s t)

add another Parameter Description

☐ Copy contents

## o Keywords: (One keyword phrase per line)(m s t)

## o Description:(m s t)

Concentrations and fluxes of trace gases at several rond6onian forest and  
pasture sites an overview of recent measurements.

## metadata

/inetpub/wwwroot/harvest/ali  
(20030819 125806)

## Team Information:

## Investigation Team:

Team ID: CD-202 (Kab

## Investigator:

Name: Kabat, Pavel

Email: P.Kabat@Alte

## Investigator:

Name: Nobre, Antoni

Email: anobre@inpa.

## Contact Person:

Name: Culf, Dr Alist

Email: adc@ceh.ac.uk

## LBA Science Component

## Metadata Author:

Name: Culf, Dr Alist

Email: adc@ceh.ac.uk

Phone: + 44 (0)1491

## Data Set Information:

Data Set Title: Confe

Activity: LBA-EUSTACH

Project: LBA (Large-S

## Site Information:

Site: Amazonas (Mana

Region: Amazonas (Ma

Westernmost Longitud

Easternmost Longitud

Northernmost Latitud

Southernmost Latitud

## Time Period:

Temporal Coverage:

File Edit Information Home

Searchable? ☒ Yes ☐ No Smart Picklist? ☒ Smart ☐ Full Auto-Collapse? ☒ Yes ☐ No

(click links below to see pick lists here) Use Picklist Selection

## • Data Access Information:\*(-)

o Data Set Status: (show pick list at top) (m s t)

o Data Set Restrictions: (show pick list at top) (If not Public the author must configure his web server to enforce any restrictions)(m s t)

o Data Set Location: (show pick list at top) (m s t) LBA DIS / CPTEC

o Data Center Contact: (show pick list at top) (m s t) Luiz M. Horta (horta@cptec.inpe.br)

o Data Center URL: (show pick list at top) (m s t) http://lba.cptec.inpe.br

o Data Set Citation: (m s t)

## o Data Set Link: (-)

▪ URL: (m s t)

▪ Label: (m s t)

add another Data Set Link

☐ Copy contents

## • Poster Link: (-)

o URL: (m s t) http://lba.cptec.inpe.br/posters/alistairculf2.ppt

o Label: (m s t) Culf et al. poster

add another Poster\_Link

☐ Copy contents

## • Document to be included in free-text search: (-)

o URL: (m s t)

o Label: (m s t)

add another Document to be included in free-text search

☐ Copy contents

## • Document NOT to be included in free text search: (-)



## metadata

/inetpub/wwwroot/harvest/ali  
(20030819 125806)

## Team Information:

## Investigation Team:

Team ID: CD-202 (Kab

## Investigator:

Name: Kabat, Pavel

Email: P.Kabat@Alte

## Investigator:

Name: Nobre, Antoni

Email: anobre@inpa.

## Contact Person:

Name: Culf, Dr Alist

Email: adc@ceh.ac.uk

LBA Science Component

## Metadata Author:

Name: Culf, Dr Alist

Email: adc@ceh.ac.uk

Phone: + 44 (0)1491

## Data Set Information:

Data Set Title: Confe

Activity: LBA-EUSTACH

Project: LBA (Large-S

## Site Information:

Site: Amazonas (Mana

Region: Amazonas (Ma

Westernmost Longitud

Easternmost Longitud

Northernmost Latitud

Southernmost Latitud

## Time Period:

Temporal Coverage:

Parameter Description

Parameter: Eddy cova

File Edit Information Home

Searchable? ☒ Yes ☐ No Smart Picklist? ☒ Smart ☐ Full Auto-Collapse? ☒ Yes ☐ No

(click links below to see pick lists here) Use Picklist Selection

Data Set Location: (show pick list at top) (m s t)

Data Center Contact: (show pick list at top) (m s t) Luiz M. Horta (horta@cptec.inpe.br)

Data Center URL: (show pick list at top) (m s t) http://lba.cptec.inpe.br

Data Set Citation: (m s t)

Data Set Link: (-)

URL: (m s t)

Label: (m s t)

add another Data Set Link

☐ Copy contents

Poster Link: (-)

URL: (m s t) http://lba.cptec.inpe.br/posters/alistaircult2.ppt

Label: (m s t) Culf et al. poster

add another Poster\_Link

☐ Copy contents

Document to be included in free-text search: (-)

URL: (m s t)

Label: (m s t)

add another Document to be included in free-text search

☐ Copy contents

Document NOT to be included in free-text search: (-)

URL: (m s t)

Label: (m s t)

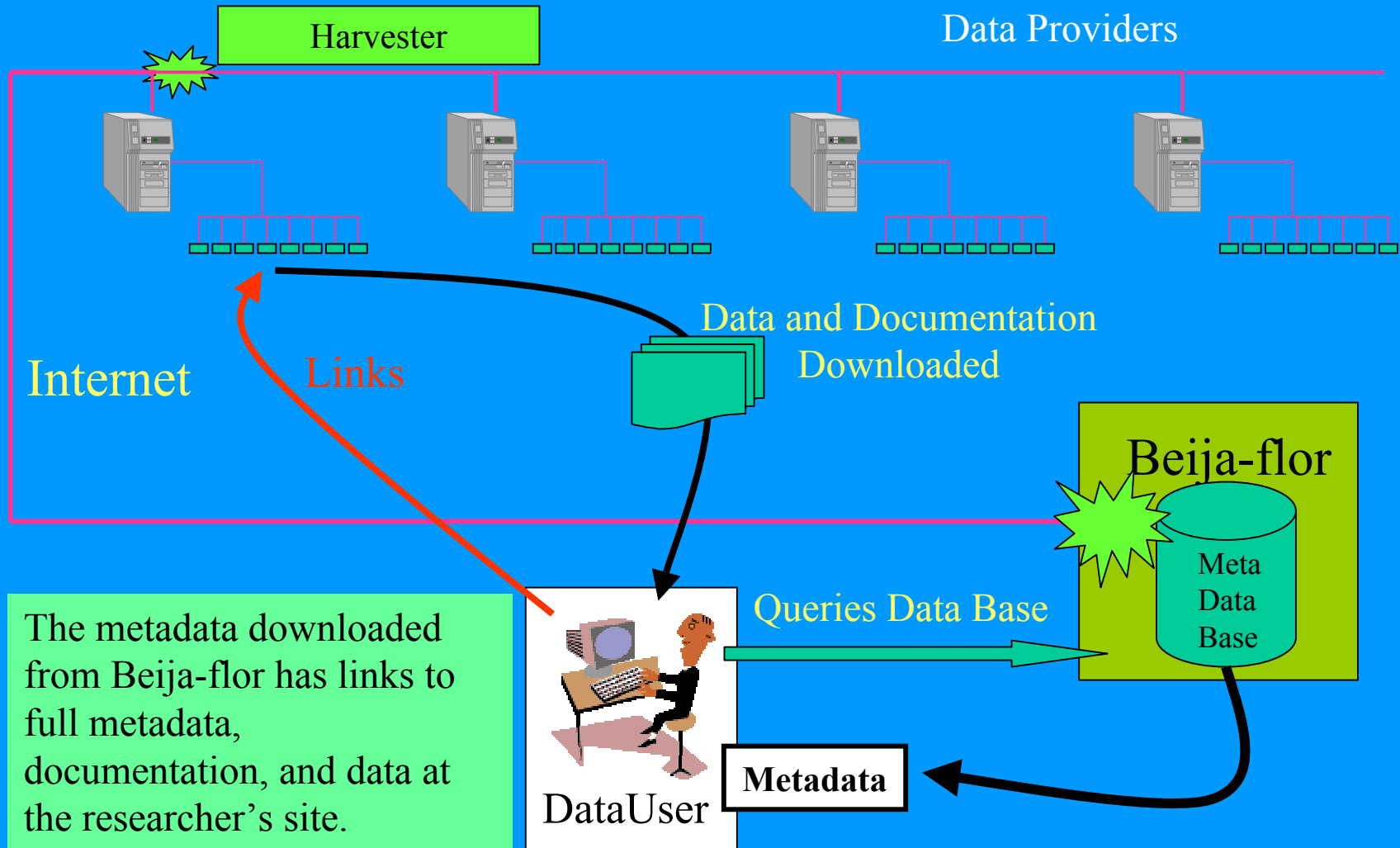
add another Document NOT to be included in free-text search

☐ Copy contents

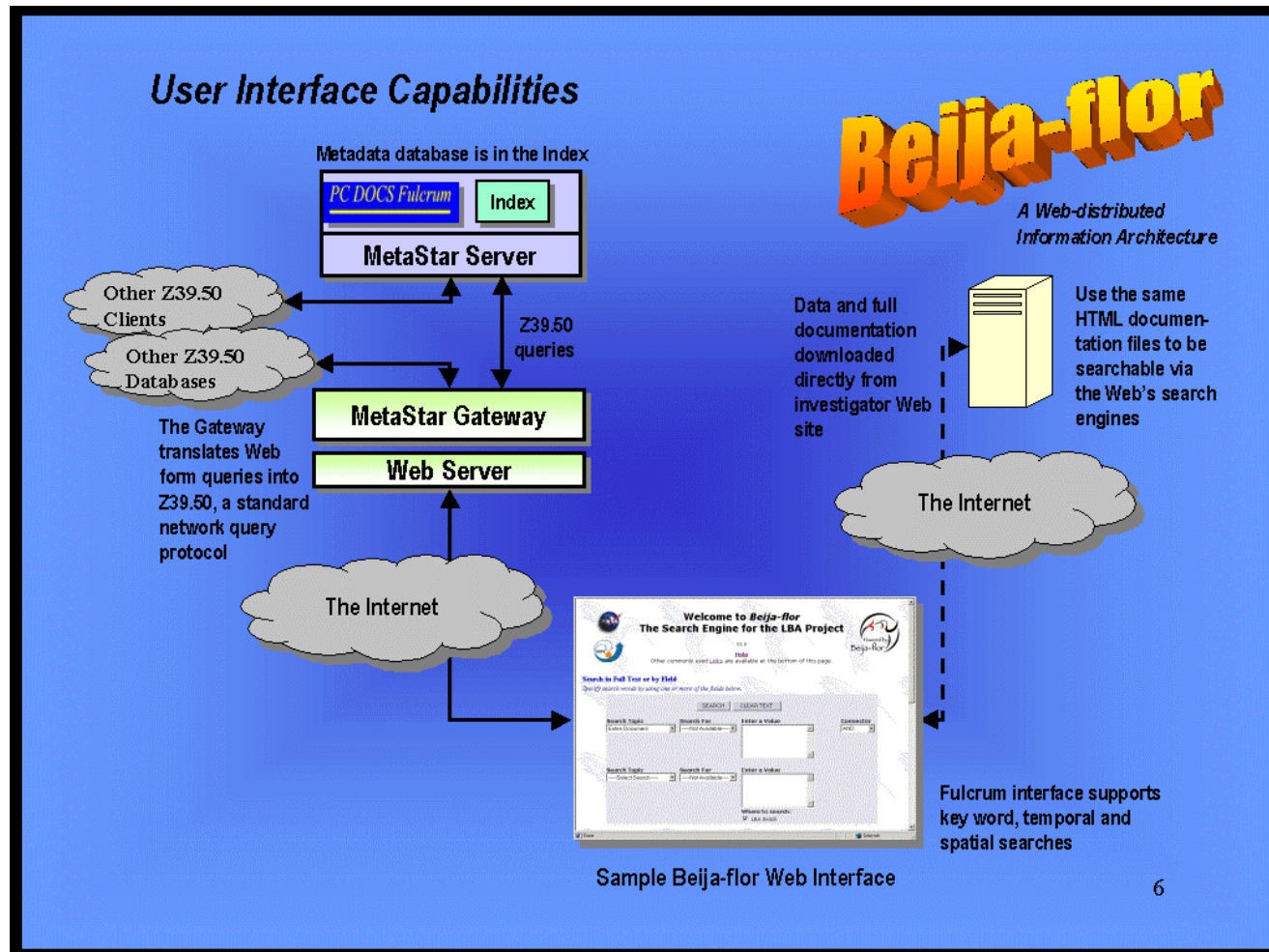
LBA DIS Archive: (+) (All items completed) (For use by LBA DIS personnel only)

Related Publication Information: (+) (0 / 5 items completed)

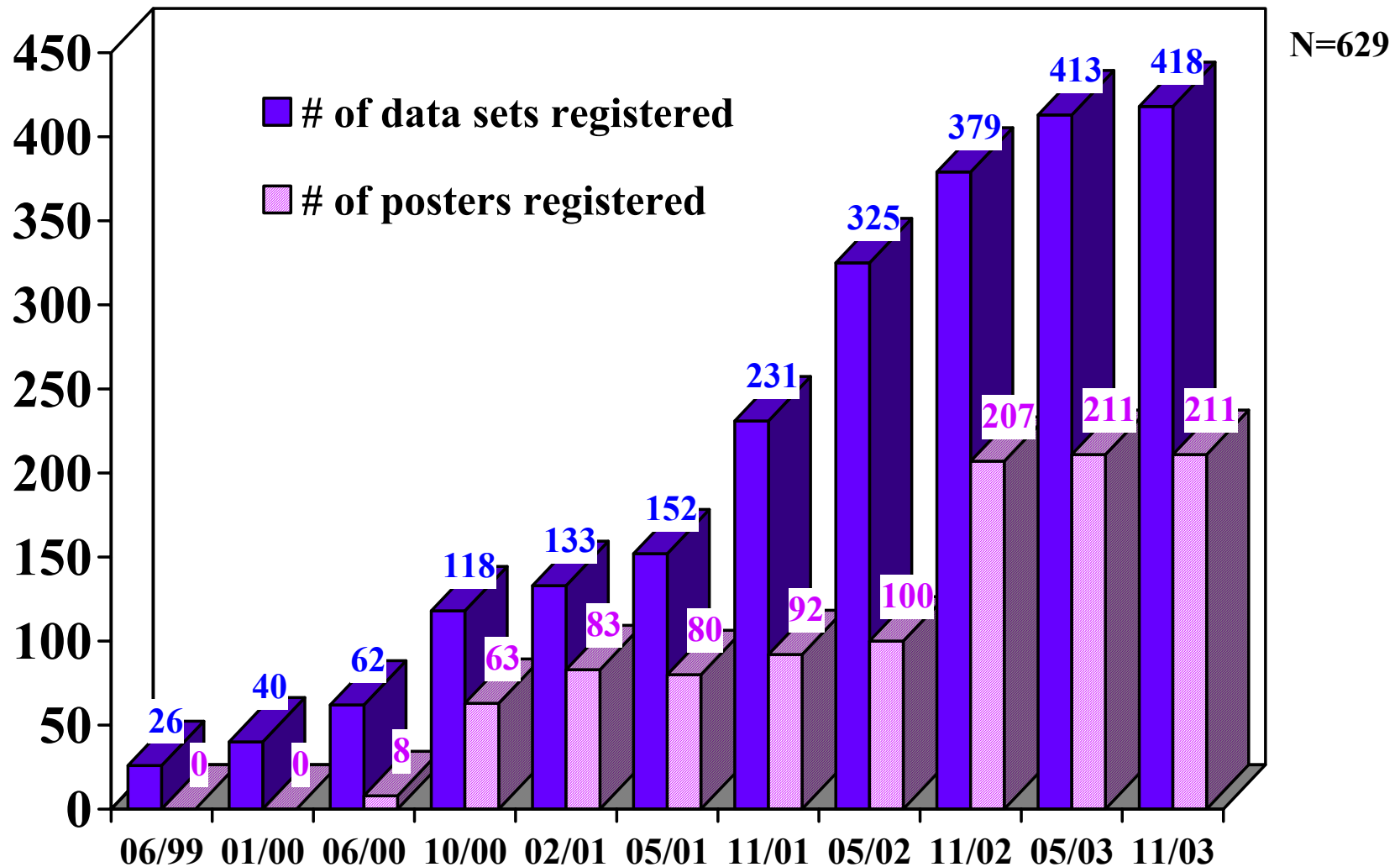
# How does it fit together?



## Beija-flor Technologies:

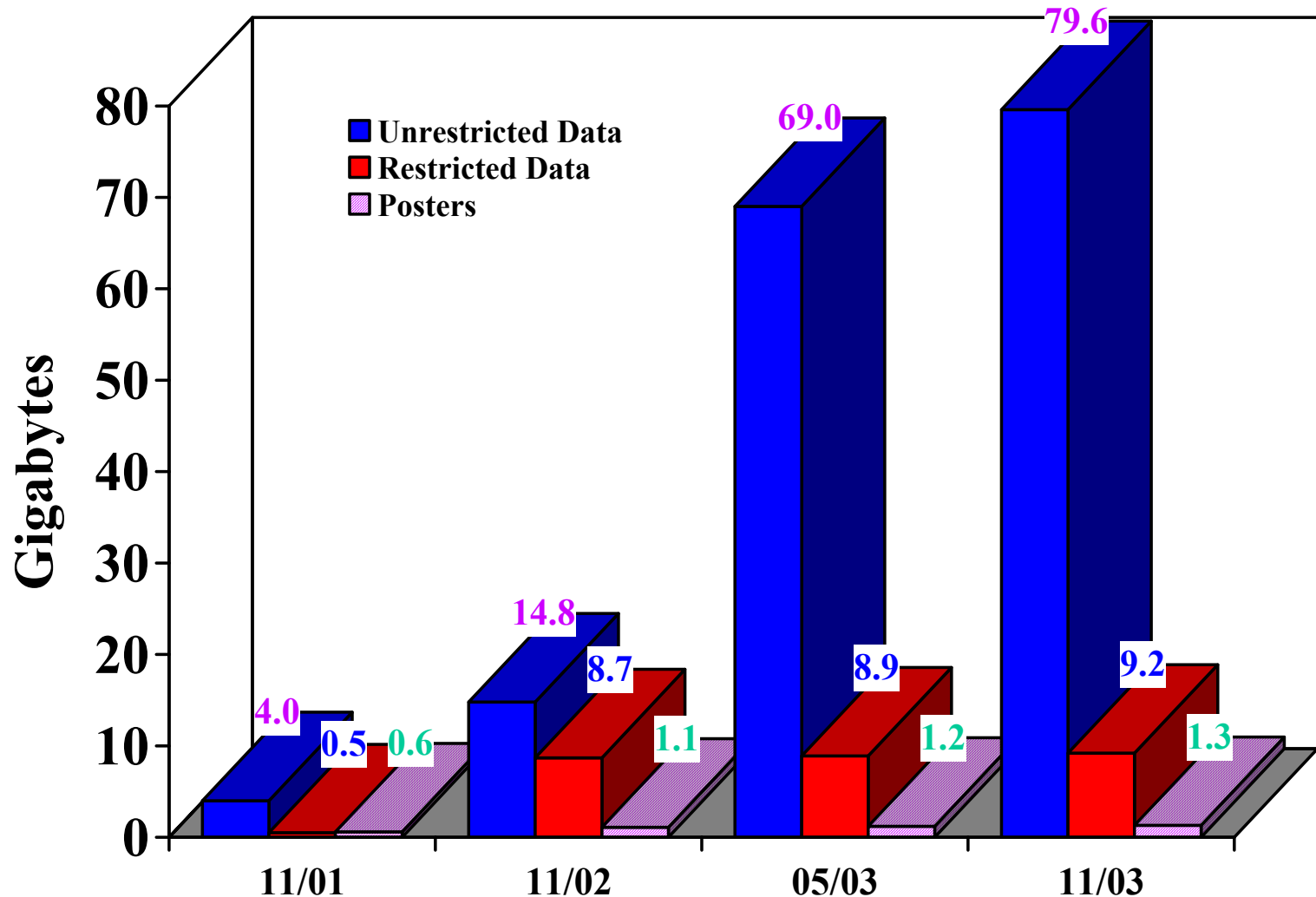


# LBA Overall Status: Metadata Registered in Beija-flor



# LBA Overall Status:

## Data Volume Archived at LBA-DIS / CPTEC



# **LBA-DIS Internet Addresses and Support Personnel**

Beija-flor Search Page, Brazil: <http://lba.cptec.inpe.br/beija-flor>

Beija-flor Search Page, US: <http://beija-flor.ornl.gov/servlet/lbaeco>

LBA Metadata Editor, Brazil: <http://lba.cptec.inpe.br/cgi-bin/LME/access.pl>

LBA Metadata Editor, U.S.: <http://daacl.esd.ornl.gov/cgi-bin/MDEDIT/access.pl>

LBA Home Page: <http://lba.cptec.inpe.br/>

LBA Ecology Project Office: <http://lba-ecology.gsfc.nasa.gov/lbaeco/>

## **Beija-flor and LME Administration Staff**

Brazil: Luiz M. Horta, (55-12-560-8536), [horta@cptec.inpe.br](mailto:horta@cptec.inpe.br)

Europe: Holger Hoff, BAHC, (49-331-288-2573), [hhoff@pik-potsdam.de](mailto:hhoff@pik-potsdam.de)

US: Marilyn Gentry, ORNL, (01-865-354-1902), [mjg@ornl.gov](mailto:mjg@ornl.gov)