



La Plata Basin Field Support

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1. Program Planning and Field Implementation:

Provide the requisite infrastructure for effective development of program/project field design and implementation plans, coordination of field operations for the meeting the scientific objectives.

2. Scientific Data Management:

Provide all facets of data collection and dissemination of information on the activities of national and international field projects.

3. Logistics: *Provide specialized logistics support; administrative support and organizational management; administrative support for international protocols and agreements.*

4. Education and Outreach: *Support education activities related to activities in program support, field projects, and data management.*

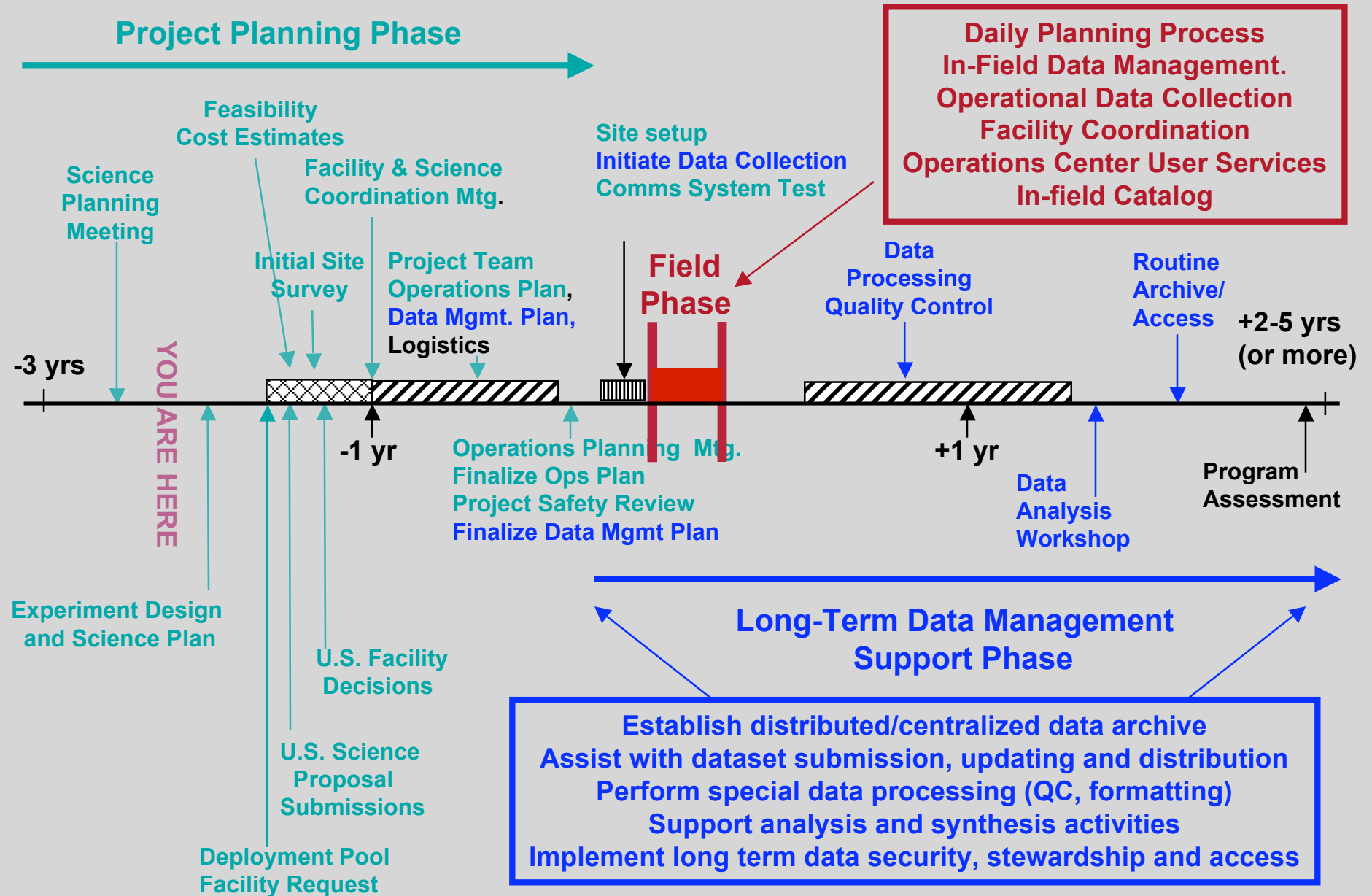




VAMOS Programs Support Center
 NCAR/EOL and UCAR/JOSS
Supported by NOAA Climate Program Office



Large NSF Field Project Timeline



Logistics and Coordination



- International Relations, clearances, permits
- Operations Centers
- Staffing and Personnel
- Lodging—Hotels, apartments, housing
- Facilities Ground Support—
aircraft, ships, ground-based observing systems
- Contracts, Finance
- Shipping and Customs (expendables, hazmat, etc)



Scope of Field Campaign Planning



- Interface with investigators & facilities
(International, Multi-national, Multi-agency)
- International Relations, clearances, permits
- Site Selection, Space, Facilities, Coordination with Local Host
- Customs, Immigration, Security, Other Logistics
- Operations Management (ATC, Facility Coordination)
- Communications Plan (Including Data Access; LAN)
- Forecast Coordination (Data Access, Displays, Experts)
- Field Catalog
- Data Management—In-field Access, Data Integrity
(Metadata, Completeness, Long term Archive, Compatibility)





La Plata Basin Regional Hydroclimate Project



Program Overview

- CLIVAR/VAMOS and GEWEX/GHP identified the *Río La Plata* Basin as a climate-hydrology system with components that are potentially predictable with useful skill from seasons in advance, and whose variability has important impacts on human activities.
- LPB provides a framework for integration of regional projects leading to improved predictions of the climate and hydrology system, and the coordination of those projects at the highest international level (WMO/WCRP)
- LPB can act as an advocacy group to agencies that provide funding for science projects and the strengthening of the scientific infrastructure.
- LPB aims to enhance the scientific infrastructure in the Plata Basin in agreement with producers and users of climate information.

Program Focus

Program efforts during this first

Latest News

- La Plata Basin U.S. Planning Meeting **NEW**
(April 24-25, Boulder Colorado USA)
- Report to the 11th VAMOS Panel **NEW**
(March 25, 2008, Miami, Florida USA)
- Intensive Course on Data Assimilation **NEW**
27 October - 7 November 2008, Buenos Aires, Ar. (endorsed by the LPB Science

Program Structure

- LPB Science and Implementation Team
- VAMOS Support Center
- Monsoon Experiment South America (MESA)

www.eol.ucar.edu/projects/lpb/

- Biocombustibles en la Cuenca del Plata
- VAMOS Calendar
- LPB Implementation Plan

LPB Workshops and Meetings

- La Plata Basin U.S. Planning Meeting **NEW**
(April 24-25, Boulder Colorado USA)
- 3rd Meeting of the LPB Science Group **NEW**
February 2008, Itaipu, Paraguay
- 2nd Meeting of the LPB Science Group (at the IAI-GEWEX Workshop)
28-31 March 2007, Buenos Aires, Ar.
- Taller sobre Cambio Global y Biocombustibles en la Cuenca del Plata
- 1st Meeting of the LPB Implementation Team 18-19 Sept 2006, Brazil
- Presentations
- Summary from the Co-Chairs of the 1st Meeting of the LPB Science and Implementation Team
- Action Items from the 1st Meeting of the



Comments





DATA BY CATEGORY













- [Aircraft](#)
- [Hydrology](#)
 - [Precipitation](#)
- [Land Based](#)
- [Land Characterization](#)
- [Model](#)
- [Satellite](#)
- [Upper Air](#)

[Back to LPB](#)

Email comments &
questions to
webmaster@eol.ucar.edu

LPB Data Sets



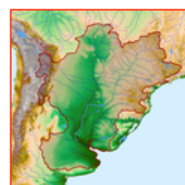
| Data Set Name (Responsible Group/PIs shown in parentheses) | Date Posted | |
|---|-------------|---|
| Aircraft | | |
| Hydrology | | |
| Hydrology: Precipitation | | |
| GPCP Global Daily 1-Degree Combination Data [NASA] | 2003-06-03 |  |
| GPCP Global Daily 1-Degree Combination Data Imagery [NASA] | 2003-06-03 |  |
| GPCP Global Monthly 2.5-Degree Combination Data [NASA] | 2003-06-03 |  |
| GPCP Global Monthly 2.5-Degree Combination Data Imagery [NASA] | 2003-06-03 |  |
| GPCP Global Monthly Merged Precipitation Analyses Climatology Data [NASA] | 2003-06-03 |  |
| GPCP Global Pentad (5-Day) Precipitation Data [CPC] | 2003-06-03 |  |
| GPROF SSM/I Orbit Summaries [NASA] | 2003-07-29 | |
| GPROF-SSM/I Orbit Data [NASA] | 2003-07-29 |  |
| NCEP/CPC Global CMAP Precipitation Analyses | 2003-06-03 |  |
| NCEP/CPC Global CMORPH Precipitation Analyses | 2003-06-03 |  |
| NCEP/CPC Mexico Unified Daily Precipitation Data (1989-1999) | 2003-06-03 |  |
| NCEP/CPC Mexico Unified Daily Precipitation Station List | 2003-06-03 |  |
| NCEP/CPC U.S. Gridded Hourly Precipitation (1963-1993) | 2003 |  |





NCAR
Earth
Observing
Laboratory

LA PLATA BASIN MAPSERVER TOOL



- ☐ Query feature
- ☐ Query multiple features
- ☐ Zoom In
- ☐ Zoom Out
- ☒ Recenter

Zoom Factor

[Reset Extent](#)

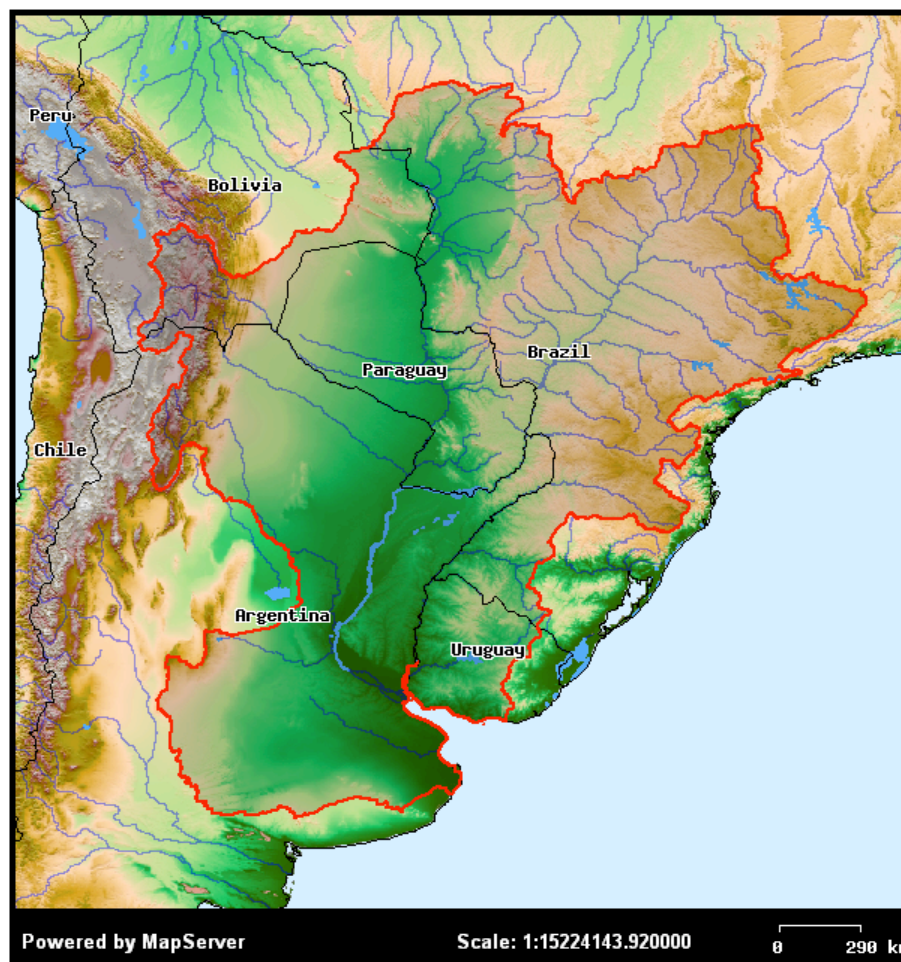
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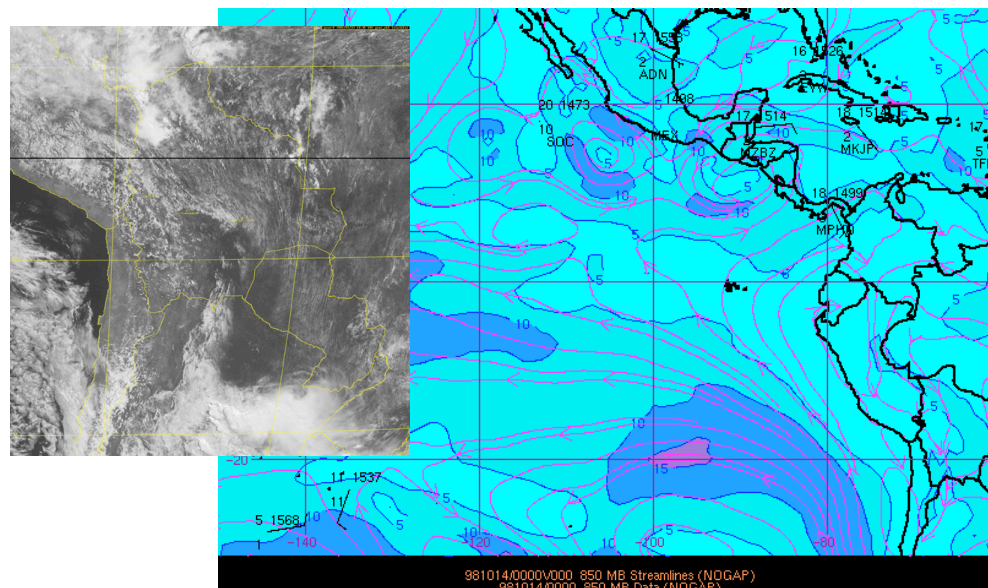
DEM(SRTM30/SRTM)
Rivers and Lakes
Roads
Urbanized areas
Urban Locations/Names
Lat/Lon Grid
Countries
La Plata basin

Legend

-  La Plata basin
-  Rivers
-  Lakes







Project Data Management Considerations

- **Develop Data Management Plan**
- **Data Types**
- **Data Formats and Documentation**
- **Data Collection**
- **Real-time Data Requirements**
- **Data Quality Control**
- **Data Archival**
- **Data Distribution**
- **Coordination with other Programs**



Comments and Questions



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<http://www.eol.ucar.edu/projects/lpb/>

