

VOCALS-REX 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.

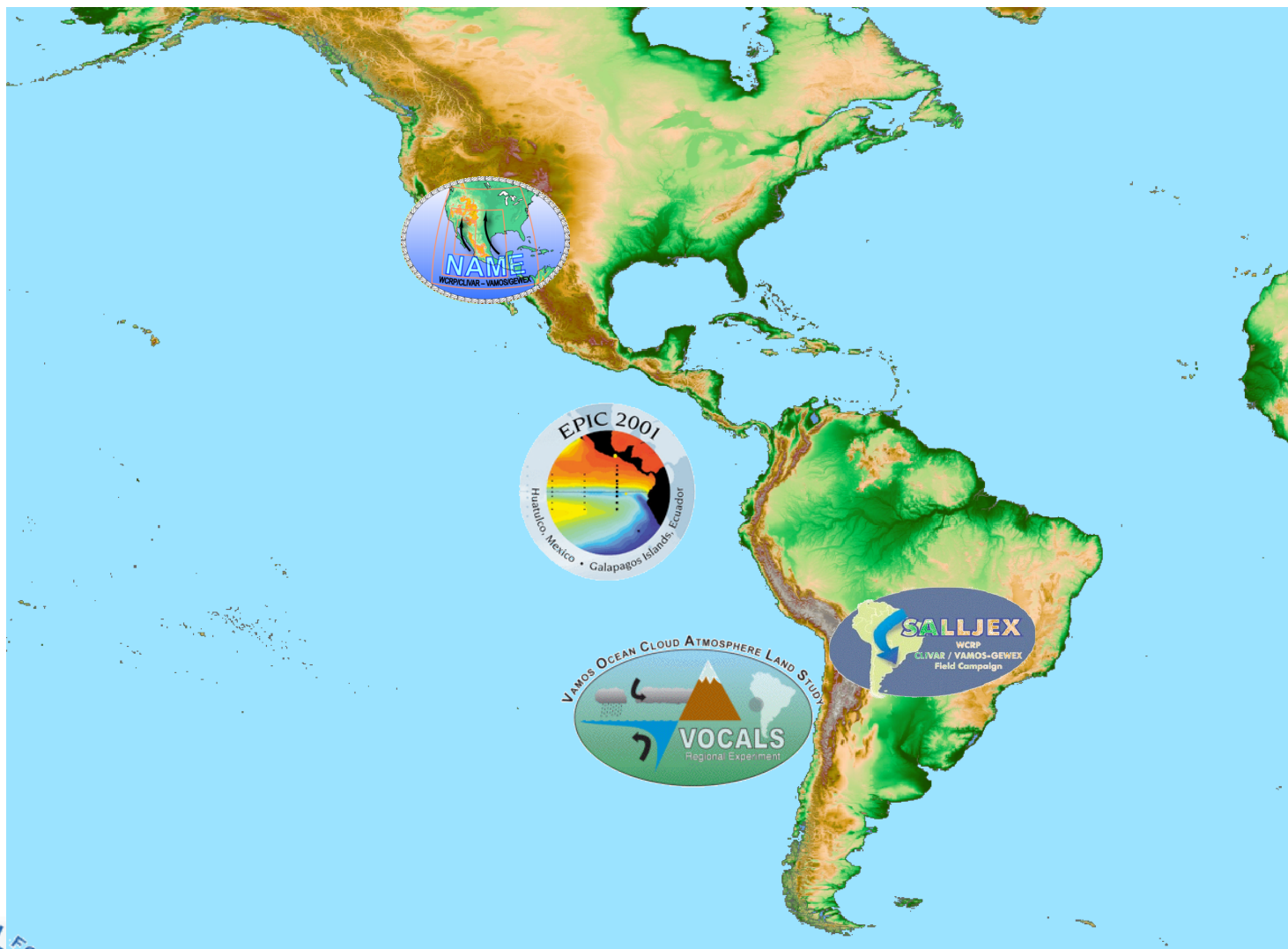
2. Scientific Data Management:

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.*

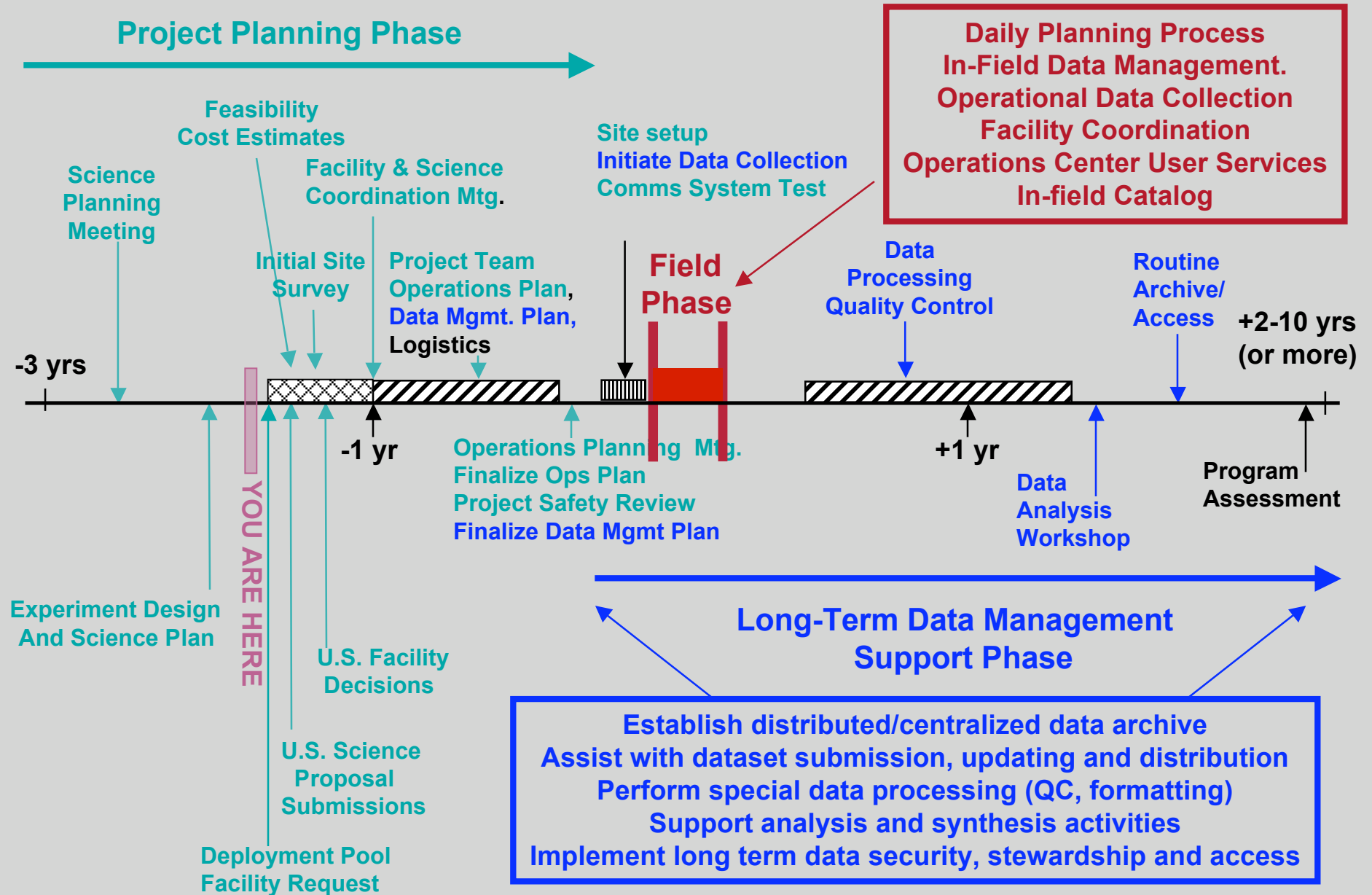




VAMOS Programs Support Center
 NCAR/EOL and UCAR/JOSS
Supported by NOAA Climate Program Office

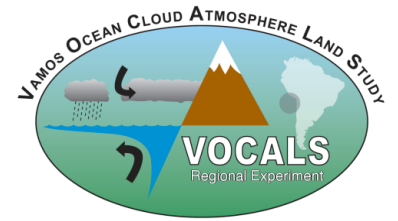


Large NSF Field Project Timeline

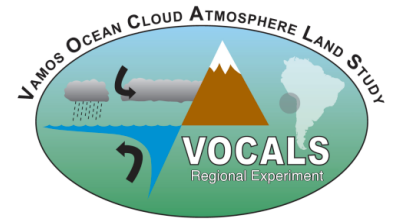


Logistics and Coordination

- 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

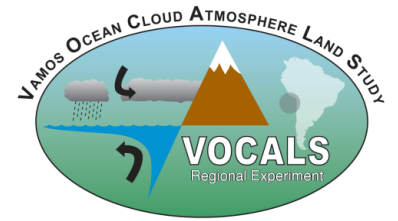


- **Interface with investigators & facilities**
(International, Multi-national, Multi-agency)
- **International Relations, clearances, permits**
- **Site Selection, Space, Facilities, Coordination with Local Host**
- **Customs, Immigration, Security, Other Logistics**
- **Operations Management (ATC, 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)



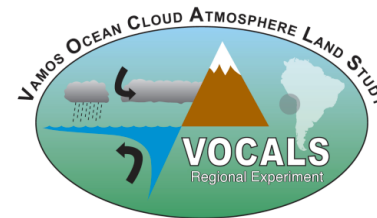
Operations Center Staff

- **Science Director (PI)**
- **Operations Director (EOL/PI)**
- **Aircraft Coordinator (EOL/PI)**
- **Forecast Team (PIs)**
- **System Administrator**
- **Administrative Assistant**



Operations Center Functions

- **Daily Planning Coordination**
- **Status Reports**
- **Forecast Preparation**
- **Communications / Internet Connectivity**
- **Network Systems Support**
- **Administrative Support**
- **Special Data Displays (EOL/others)**
- **Field Catalog (EOL)**



VOCALS VAMOS Ocean-Cloud-Atmosphere-Land Study



WCRP / CLIVAR / VAMOS / GEWEX Program

About VOCALS REX

Schedule of Events

Summary Document of the VOCALS campaign

The **VAMOS** Ocean-Cloud-Atmosphere-Land Study **Regional Experiment** (VOCALS-REX) is an international field experiment designed to better understand physical and chemical processes central to the climate system of the Southeast Pacific (SEP) region. The climate of the SEP region is a tightly coupled system involving poorly understood interactions between the ocean, the atmosphere, and the land.

To achieve its goals, VOCALS-REX field campaign plans to:

- improved model

What's New

VOCALS article in *CLIVAR Variations* newsletter **NEW**
 Agenda and Logistics Information for the VOCALS-REX Pre-Planning Workshop **UPDATED**
 (June 11-12, 2007) NCAR, Boulder, Colorado
 Presentations from the VOCALS Coastal Component Workshop during VPM10
 (April 3-4, 2007)
 Presentation (April 2007)
 VOCALS: A Program for Studies of the Climate System in the Southeastern Pacific A Presentation by C.R. Mechoso
 SWG Letter to Investigators and Calendar of Upcoming Events (28 Feb 2007)
 Preliminary Schedule for the R/V Ron Brown
 Dept of Energy Proposed VOCALS *White Paper* (Feb 2007)
 VOCALS Modeling Plan (Sept 2006)
 VOCALS Overview at the 1st CPPA Science Meeting (Aug 2006) (*PDF version*)
 VAMOS Calendar

Science and Planning

Meetings and Presentations
 Science Working Group
 VAMOS Support Center at NCAR/EOL
 VOCALS Modeling Plan
 VOCALS Experimental Design Overview

Data Management

VOCALS Data Management page at NCAR/EOL
 Master List of All VOCALS International Data Sets
 VOCALS Data Management Plan
 VOCALS On-line Field Catalog

Documentation

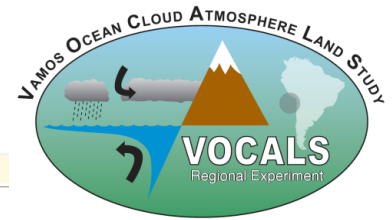
Sponsors



www.eol.ucar.edu/projects/vocals/



VOCALS Data Sets



DATA BY CATEGORY

- Aircraft
- Hydrology
- Land Based
- Model
- Oceanography
- Radar
- Radiation
- Satellite
 - AQUA
 - DMSP
 - GOES
 - LANDSAT
 - POES
 - QuikSCAT
 - RADARSAT
 - SeaWIFS
 - TERRA
 - TRMM
 - Ship Based
 - Upper Air

[Back to VOCALS](#)

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

Satellite

Satellite: AQUA

[AQUA Orbital Tracks Imagery \[NASA/LaRC\]](#)

2003-05-29

Satellite: DMSP

[DMSP Data \[NOAA/NSIDC\]](#)

2003-05-29



[DMSP SSM/I Daily Cloud Liquid Water Imagery \[NOAA/ESRL/PSD\]](#)

2003-05-29



[DMSP SSM/I Daily Derived Products Data \[NOAA/ESRL\]](#)

2003-05-29



[DMSP SSM/I Daily Integrated Water Vapor Imagery \[NOAA/ESRL\]](#)

2003-05-29



[DMSP SSM/I Daily Rainfall Imagery \[NOAA/ESRL\]](#)

2003-05-29



Satellite: GOES

[GOES-East 3-hourly 1km Visible Channel Area Files SE Pacific \[NCAR/EOL\]](#)

2005-10-26

[GOES-East 3-hourly 1km Visible Channel NetCDF Data SE Pacific \[NCAR/EOL\]](#)

2005-10-26

[GOES-East 3-hourly 1km Visible Imagery SE Pacific \[NCAR/EOL\]](#)

2005-10-26

[GOES-East 3-hourly 4km Multi-Spectral Channel Area Files Eastern Pacific \[NCAR/EOL\]](#)

2005-10-26

[GOES-East 3-hourly 4km Multi-Spectral Channel NetCDF Data Eastern Pacific \[NCAR/EOL\]](#)

2005-10-26

[GOES-East 3-hourly 4km Visible Imagery Eastern Pacific \[NCAR/EOL\]](#)

2005-10-26

[GOES-West Full-Disk Infrared Imagery \[NCAR/EOL\]](#)

2003-06-03



[GOES-West Full-Disk Visible Imagery \[NCAR/EOL\]](#)

2003-06-03



[GOES-West Infrared Imagery \[NCAR/EOL\]](#)

2003-06-03



[GOES-West Visible Imagery \[NCAR/EOL\]](#)

2003-06-03



[GOES-West Water Vapor Imagery \[NCAR/EOL\]](#)

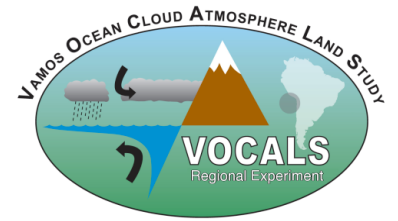
2003-06-03



[GOES8 Visible and IR cloud composites \[NOAA\]](#)

2005-05-11





Comments and Questions

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

