SAC-C, EO-1, and AVIRIS Campaign in Argentina

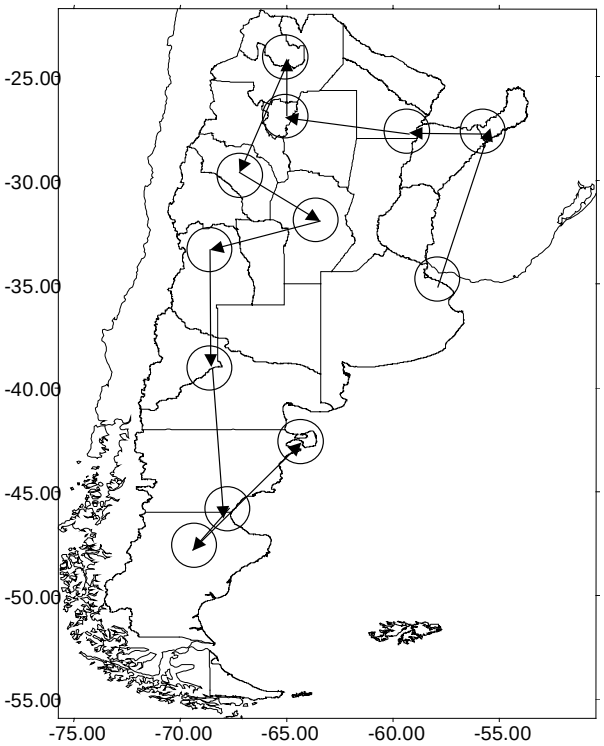
Convergent Views for a Succesfull Mission

AM Constellation

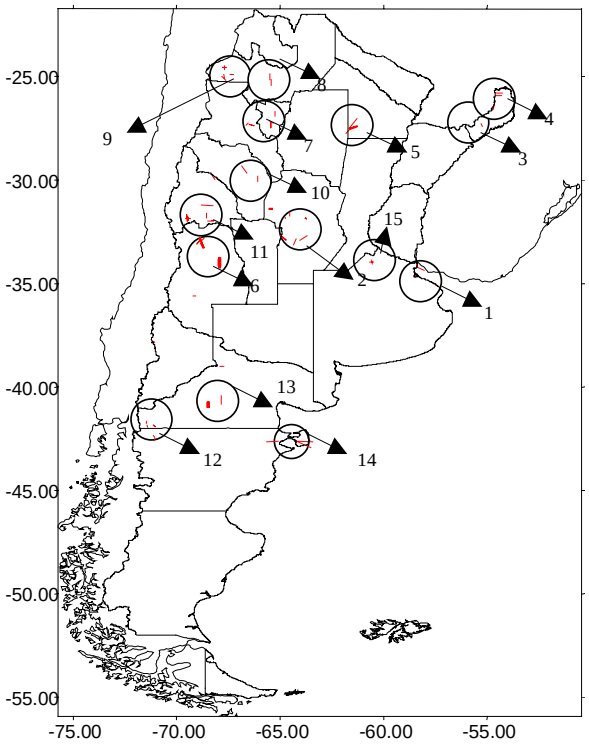
- Four satellites
- Multi instrument
- Similar orbits
- EO-1 AND SAC-C CALIBRATION
- LOA NASA - CONAE
- AVIRIS January 25 February 2001

AVIRIS

- Low altitude platform.
- Separate arrival of instrument and plane.
- Quick integration (hours).
- Mixed crew (add 2 Argentines)
- Start.



Original

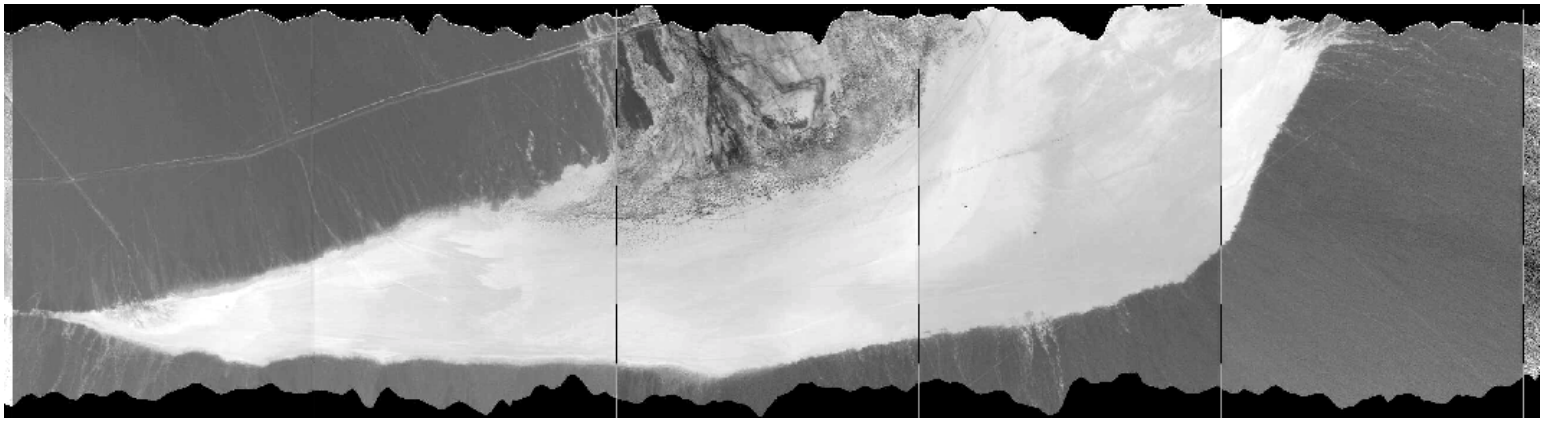


Final

Calibration Sites

- Calibration Site Barreal Blanco
- Calibration Site Salar de Arizaro

Barreal Blanco



Acquired February 7, 2001 coincident with an EO-1 Hyperion overpass.

Science Targets

Magdalena

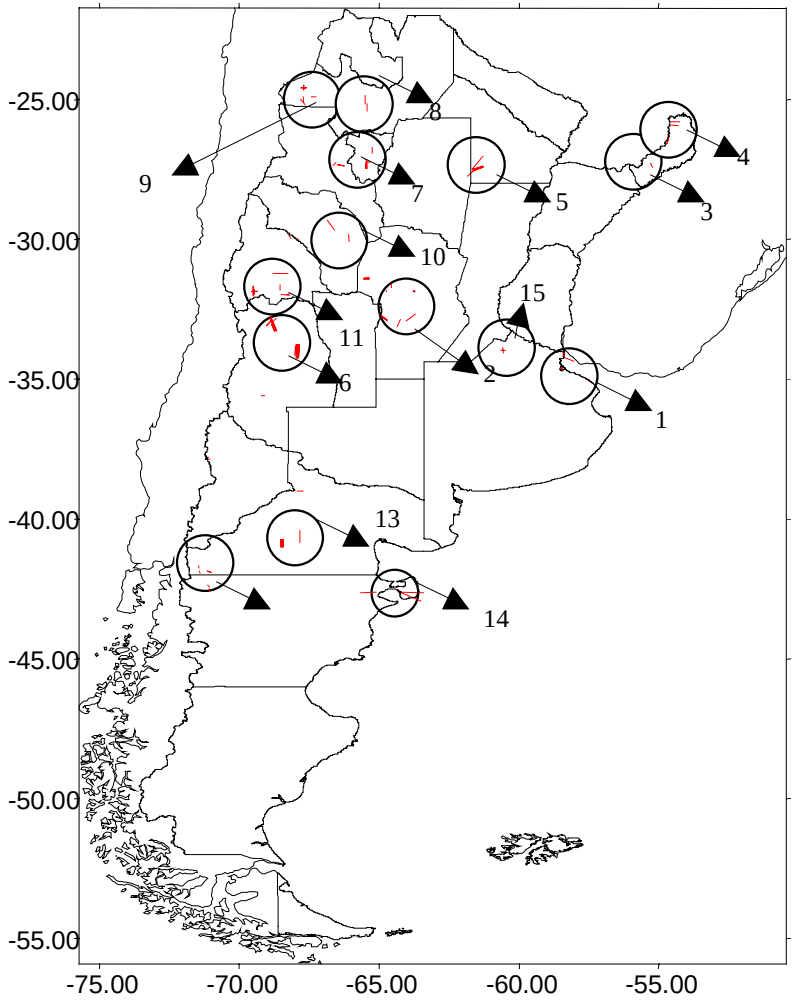
Paraná Delta (http://www.unesco.org/mab/br/brdir/latin-am/arg8.htm)

Capital Federal (Dengue Mosquito)

Pergamino (Endemic disease “Mal de los rastrojos”)

Pergamino (Improvement of agricultural remote sensing through hyperspectral techniques)

Chancaní, Traslasierra Valley, Córdoba



Some Statistic

- 120 Flight hours
- 108 Flight lines
- 45 Objectives
- > 100 Tapes
- >400 CDs

Conclussions

- The international cooperation works.
- The interest in the hiperspectral technique is growing.
- Scientists, instruments and missions **converged** onto the science targets.
- This multiple sight will deliver a much better insight of the problem