The logo features a stylized landscape with rolling hills in shades of blue and green, with a bright blue sky above.

RedLatif

Latin American Network of Remote Sensing and Forest Fire

Frascati, Italy
March 25th, 2010

Maria Isabel Cruz Lopez
RedLatif
Coordinator

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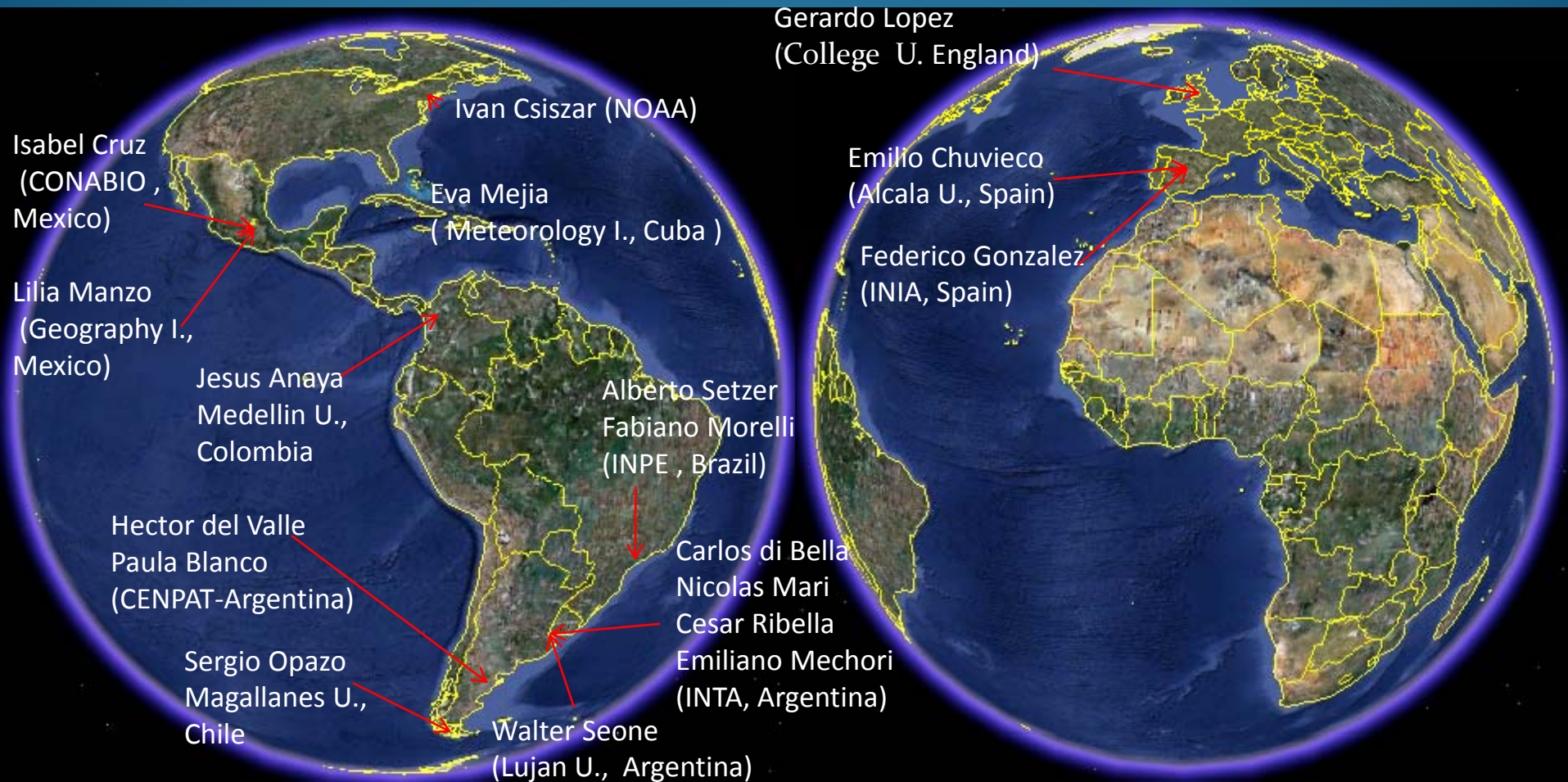
Objective

To coordinate projects related with forest fires using remote sensing and geospatial technology, among Latin American countries.

RedLatif has developed three projects: AQL2004, INI and SERENA.

Members

18 people of 13 institutions from nine countries



WEB page

In 2009 the domain redlatif.org was bought for five years



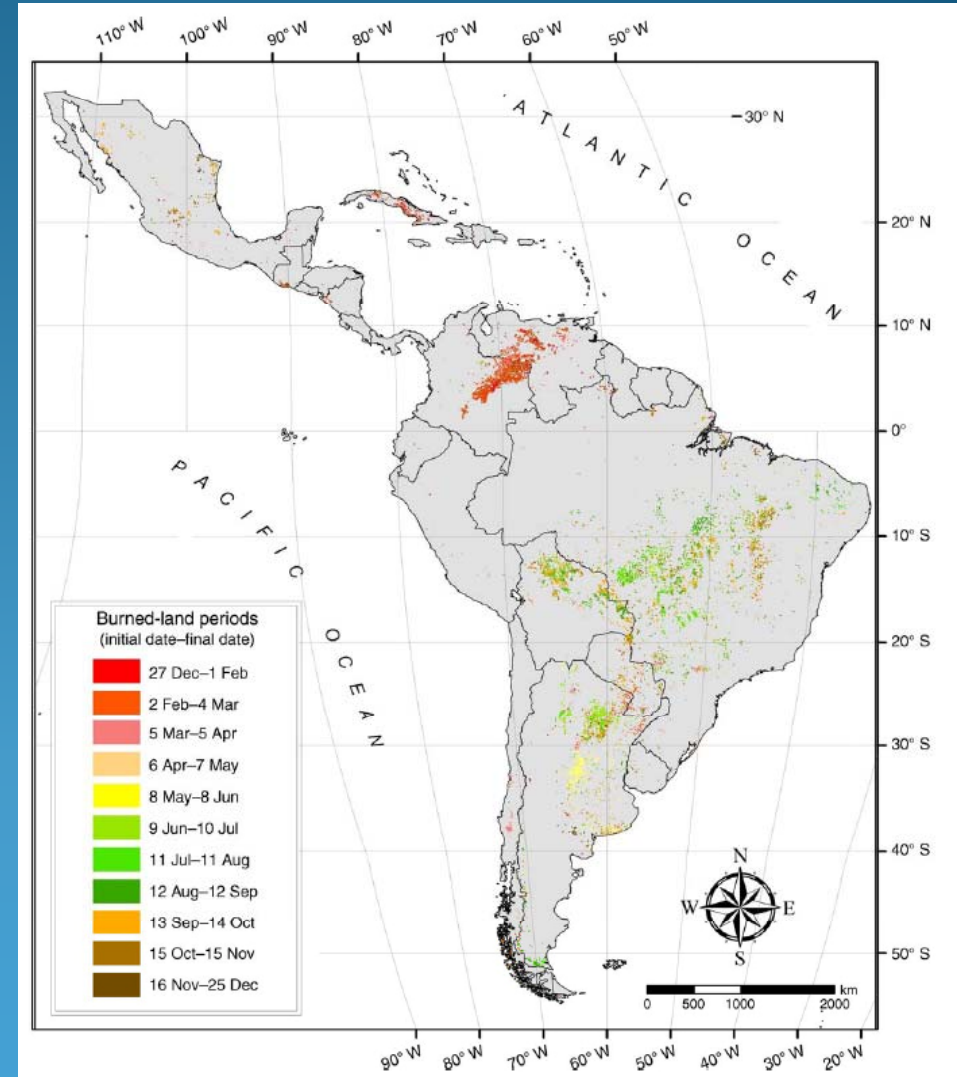
Projects and results

AQL2004

Global Burned Land Estimation in Latin America using MODIS Composite Data. (Finished)

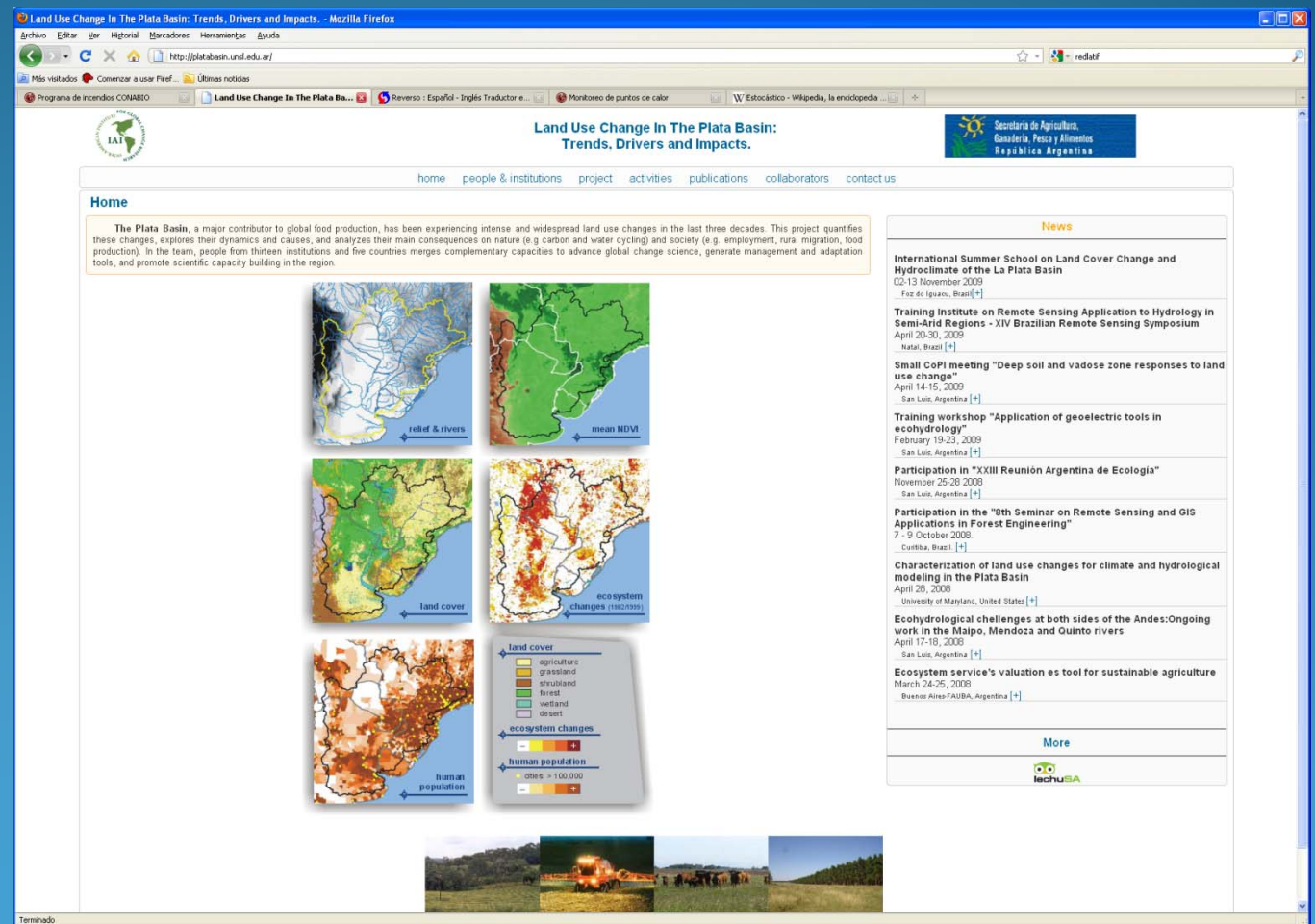
Coordinator: Dr. Emilio Chuvieco
Period: 2004 – 2008

The results was published by *Ecological Applications* and the map is available in WEB page.



Projects and results

Land use change in the Rio de la Plata Basin



Projects and results

SERENA: “Latin american of Monitoring and Study of Natural Resources Network “ (developing).

Coordinator: Dr. Carlos di Bella
Period: 2008 – 2011

The SERENA network aims general monitoring, study and dissemination of information associated with biomass burning (wildfires) and changes in land use and cover on Latin American.



Projects and results

SERENA

SPECIFIC OBJECTIVES

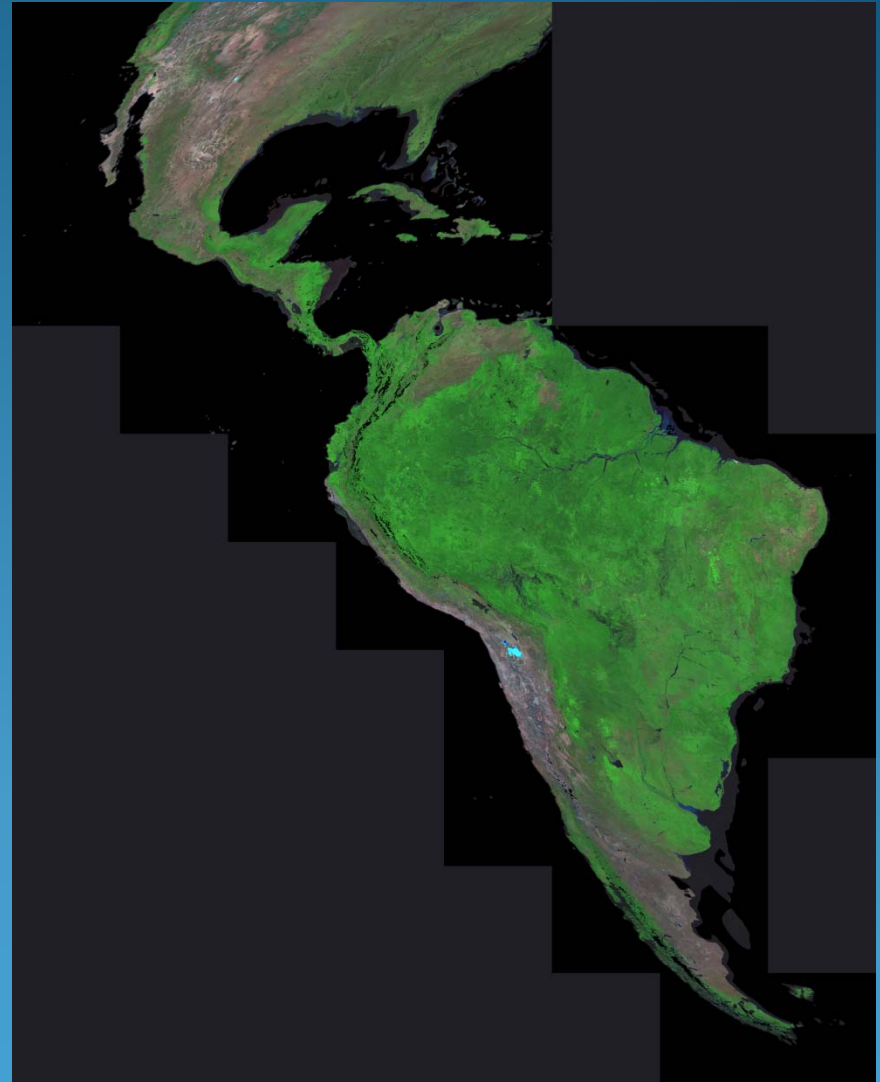
- Designing and developing a regional system for processing satellite data and supplementary **fire detection, quantification of burned areas, an index of risk and severity of fires and local validation** of the results.
- Designing and developing a regional system of satellite data processing for the classification of uses and land cover .
- Designing and developing a communication system and technology transfer with private and public sector.

Organization

Subject	Responsible	Participants
Base information	Isabel Cruz	5
Complementary information	Hector del Valle	2
Hot spot (fires)	Nicolas Mari	5
Burnt area	Sergio Opazo	6
Danger	Carlos di Bella	6
Legend Land cover	Angeles Fischer	3
Land cover classification	Paula Blanco	5
Validation	Hector del Valle	Everybody
WEB page	Arturo Melchiori	2

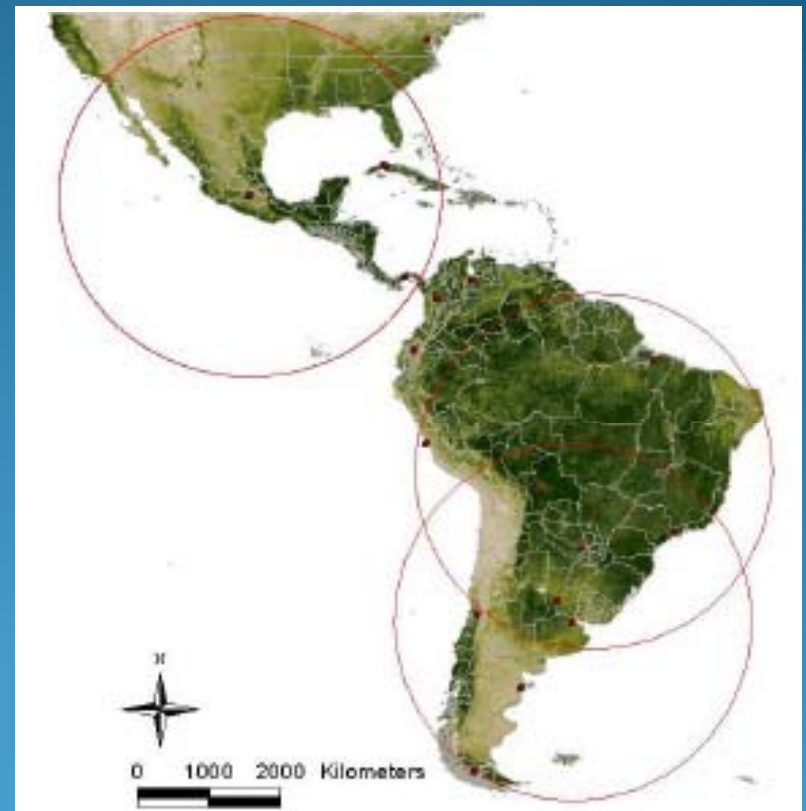
Example

- ❑ MODIS monthly image composites 2008
- ❑ Surface reflectance daily
- ❑ Spatial resolution : 500 m



Others Results

- ❑ Exchange of technology among Direct readout stations (Mexico, Brazil, Argentina and Chile)
- ❑ CONABIO (Mexico) installed its program of forest fire in INTA (Argentina) and SAF (Chile).
- ❑ INPE (Brazil) gave others algorithms for detected forest fire to CONABIO and INTA



Next Steps

- ❑ The anual meeting will be in November 9th and 10th in Guanajuato, Mexico.
- ❑ Courses
- ❑ New topics: emmisions, severity
- ❑ Other members
 - ❑ From Central America
 - ❑ Other Network (users)



Thank you !

Gracias