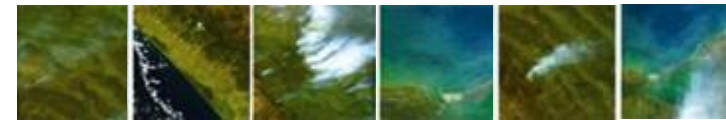
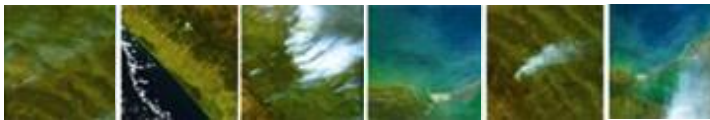


RedLatif

Latin American Network of Remote Sensing and Forest Fire

Sun City, South Africa
May 9th , 2011

Maria Isabel Cruz Lopez
RedLatif
Coordinator



Index

- 1.- Objective
- 2.- Members
- 3.- WEB page
- 4.- Projects and results



Objective

The Latin American Remote Sensing and Forest Fires Network (RedLaTIF, due to its abbreviation in Spanish) is a regional network aimed at bringing together Latin American countries with the purpose of observing and managing forest fires.

This network is closely linked to the Global Observations of Forest and Land Cover Dynamics ([GOFC/GOLD](#)) program.

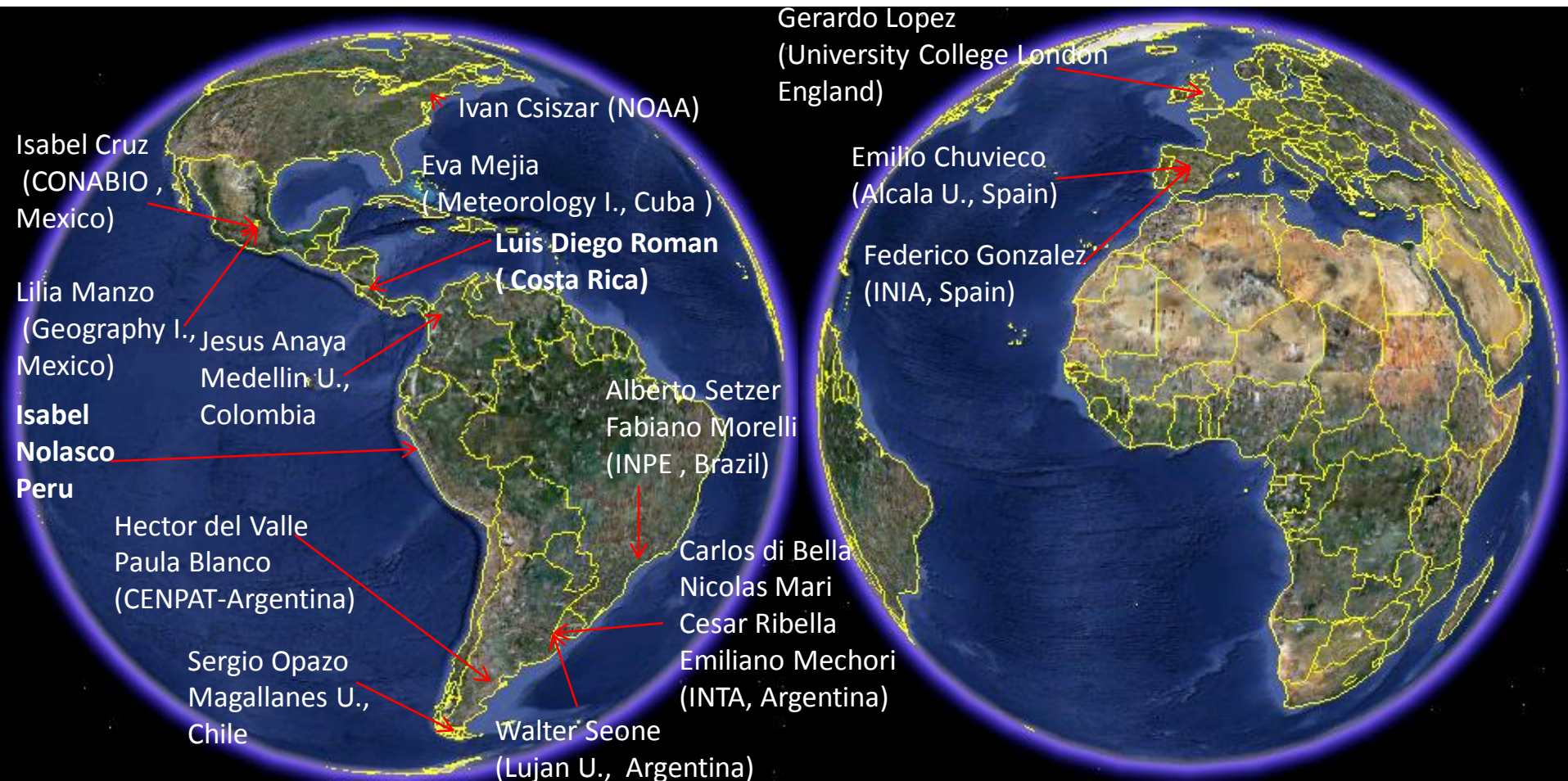
Objective

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



Members

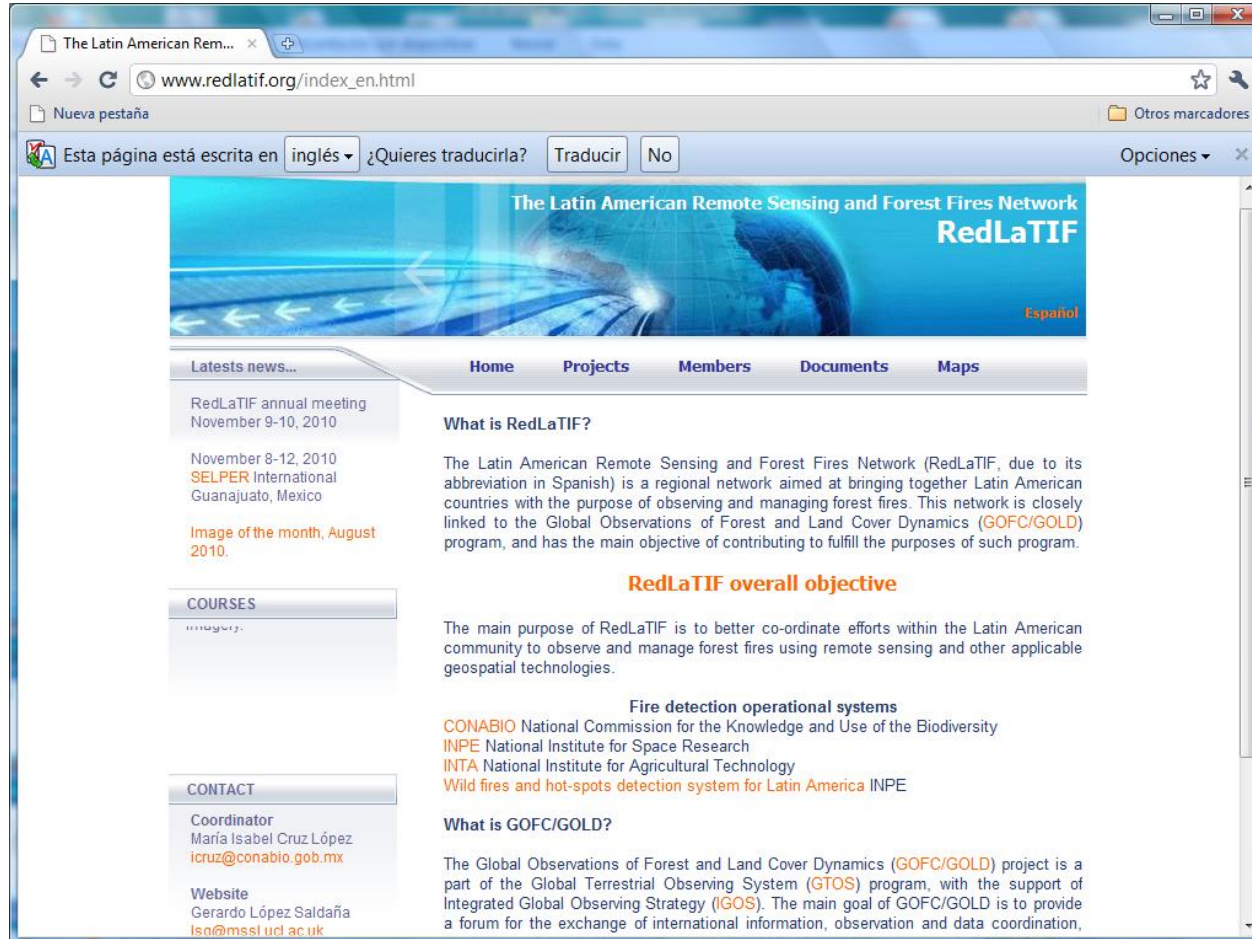
20 people of 15 institutions from 11 countries



WEB page

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

Version English and Spanish



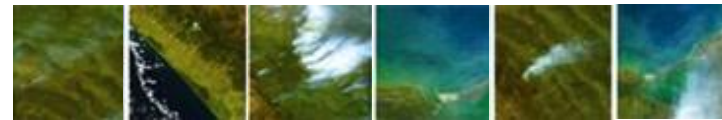
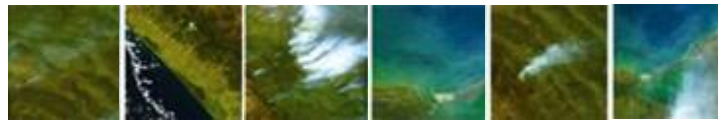
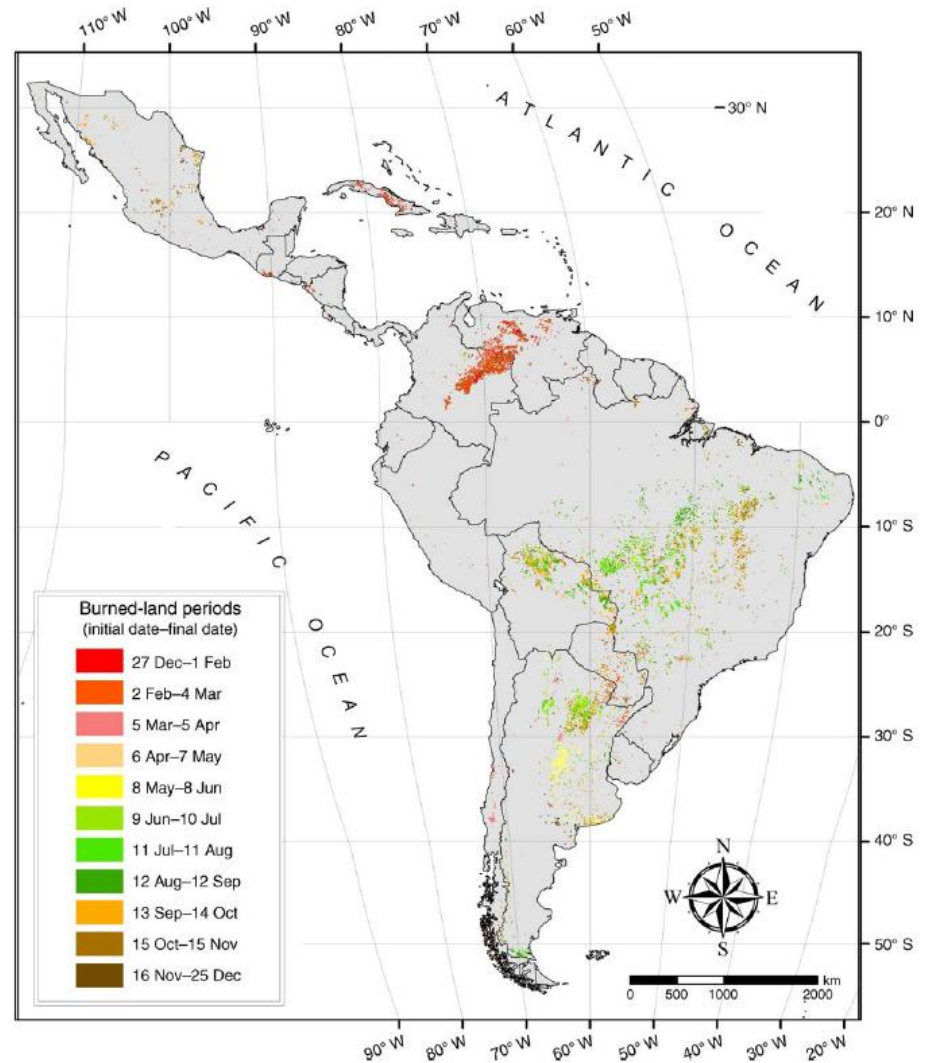
Projects and results

AQL2004

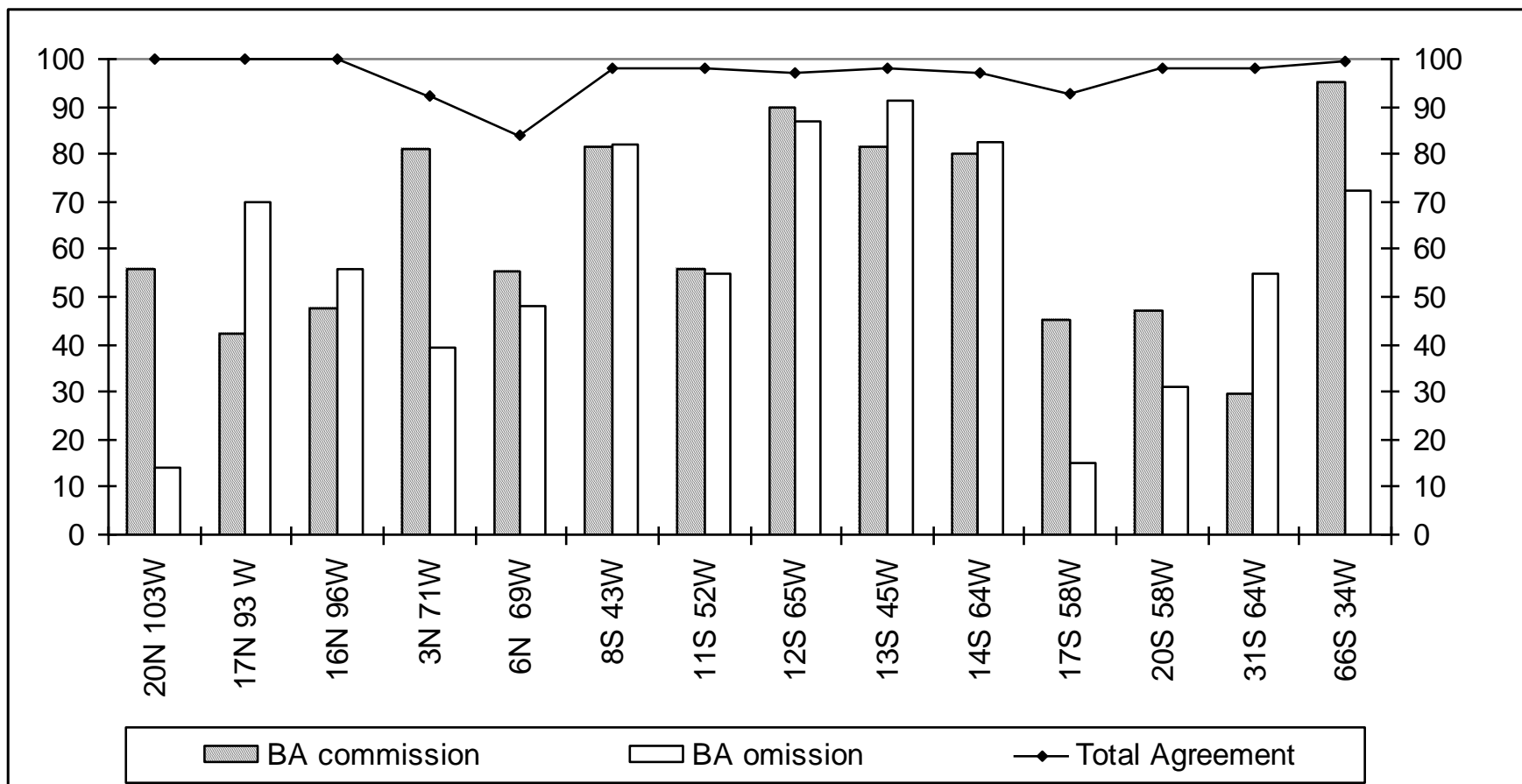
Global Burned Land Estimation in Latin America using MODIS Composite Data. (Finished)

Coordinator: Dr. Emilio Chuvieco
Period: 2004 – 2008

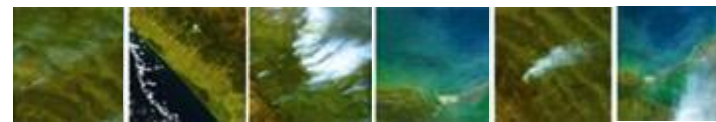
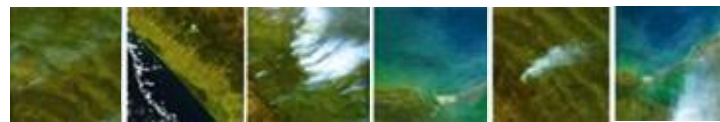
The results was published by
Ecological Applications and the
map is available in WEB page.



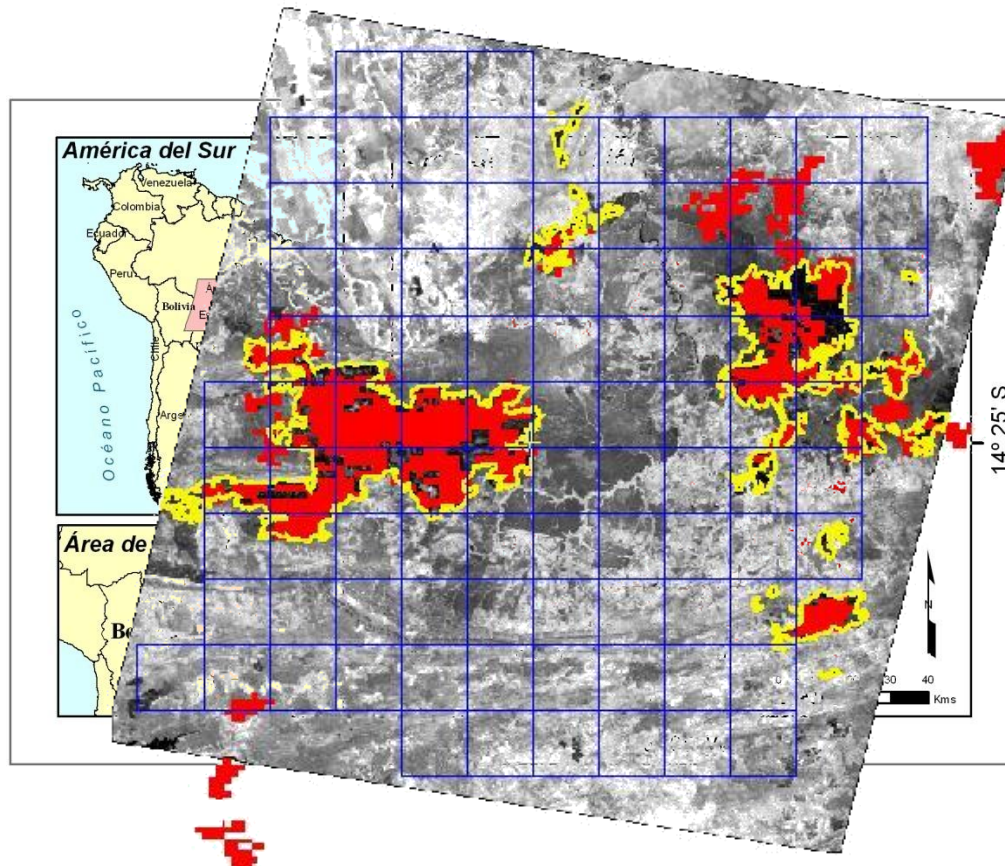
Results by windows



(Chuvieco et al., 2007)



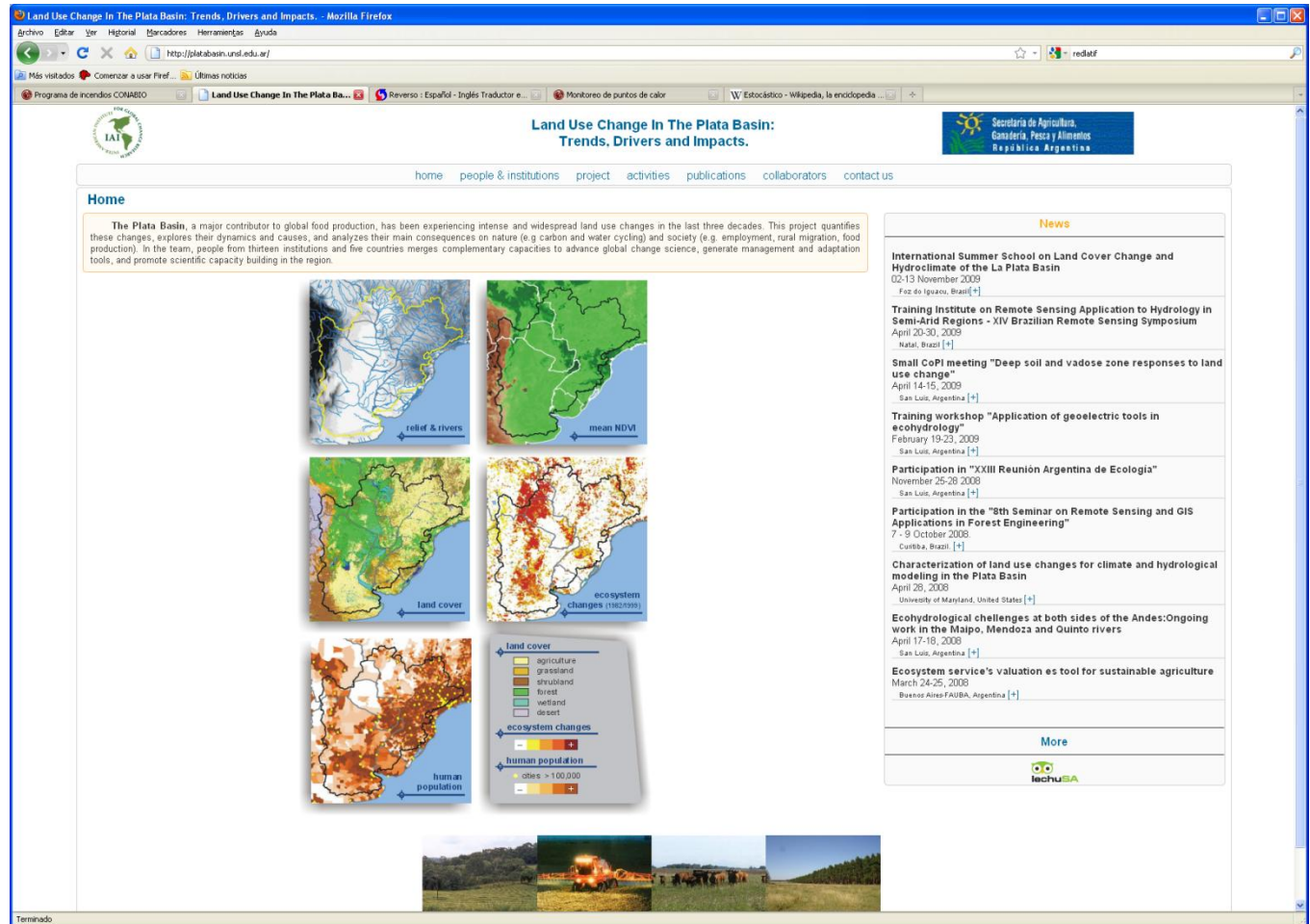
Validation



Opazo, 2006
(Chuvieco et al., 2007)

Projects and results

Land use change in the Rio de la Plata Basin

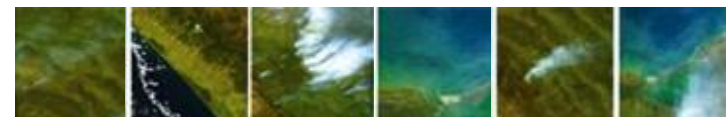
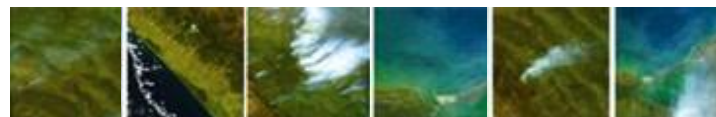


Projects and results

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.

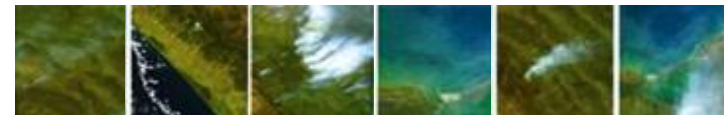


Projects and results

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.

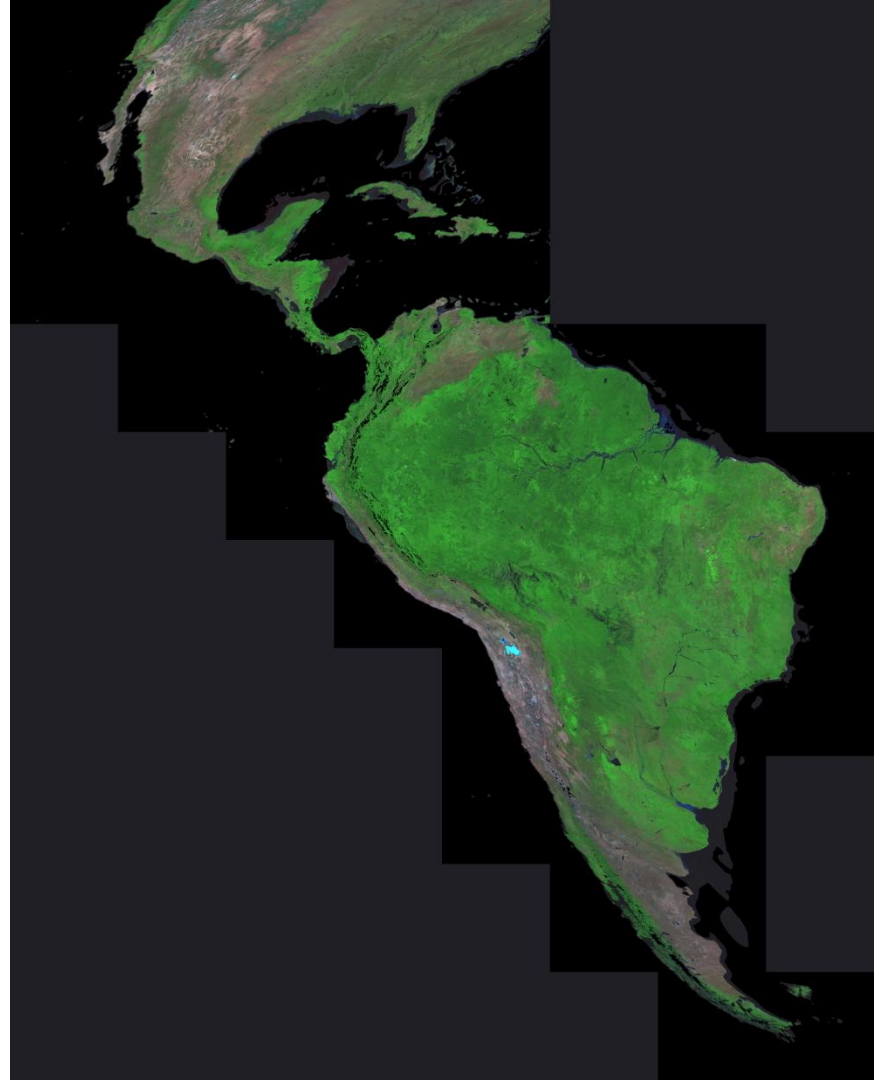


Organization

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



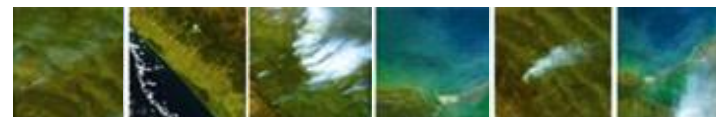
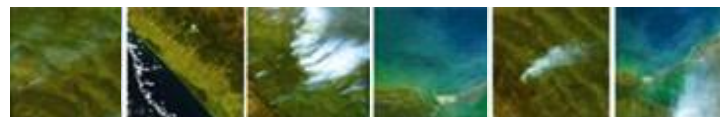
Annual meeting 2010

Guanajuato City, Mexico
9 and 10 November, 2010

Participation: 24 participants

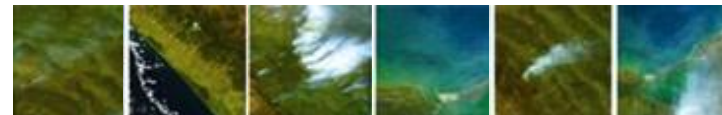
Objectives:

- Inform about two GOFC-GOLD meetings GOFC-GOLD Fire Implementation Team Workshop
- 4th GOFC – GOLD REDD Sourcebook Development Workshop
- Integrate participants of the Global Wildland Fire Network (GWFN) into REDLATIF
- Analyze the participation of REDLATIF in GHOF-C-GOLD validation activities
- Define future directions for REDLATIF.



Agreements

- Federico Gonzalez will generate a proposal for an initiative for the participation in REDD + in the topic of fires.
- Isabel Cruz will communicate with Dr. Adja Hoffmann, who is the coordinator of the GOFC regional networks, to establish communication with the land cover network coordinated by Carlos Souza.
- Luis Diego Roman will digitize the Forest Fire Prevention Manual for sharing it with REDLATIF.
- Fabiano Morelli will generate a proposal for training for the GWFN regional networks, in two areas: training for the management of information generated by remote sensing methods; and the topic of remote sensing.
- The members of the GWFN will develop a document on the training needs to be covered.
- For the training **financial resources** will need to be sought for the various stages: preparation of the material, courses and evaluation.
- Various ways of training were discussed: personal, distribution of products, within already established workshops and online.



Agreements

- Regarding the topic of validation, members of GWFN stated that they would talk to other members to participate in product validation; and also that the program mentioned by Dr. Emilio Chuvieco could also be used for validation. Dr. Ivan Csiszar and Dr. Emilio Chuvieco were asked for a list of information needs for validation. Dr. Chuvieco stated that he would provide a format to be used.



Thank you !

Gracias

