

Latin-American Network of Forest Fires (RedLaTIF)
Regional Network.



Agosto 2017 – Reunión CONABIO, Ciudad de México

START

Why regional networks are important:

- Networks allow to strengthen collaborative work
- Provide local legitimacy
- Bridge the gap between Spatial Agencies and final users
- Facilitate capacity building
- Encourage to share information through national platforms

Global Terrestrial observing Systems GTOS

Global observation of forest and land cover dynamics

GOFC-GOLD → Fire Team

Fire Team-Regional Networks

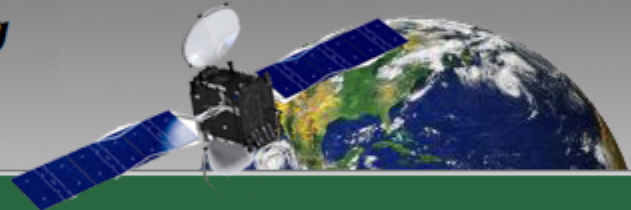


GOFC-GOLD



Global Observation of Forest
and Land Cover Dynamics

Fire Monitoring & Mapping Implementation Team



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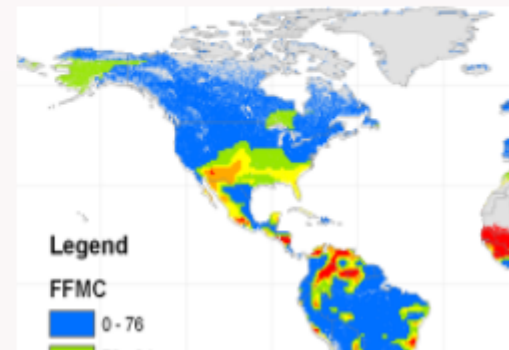
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Welcome To GOFC/GOLD-Fire

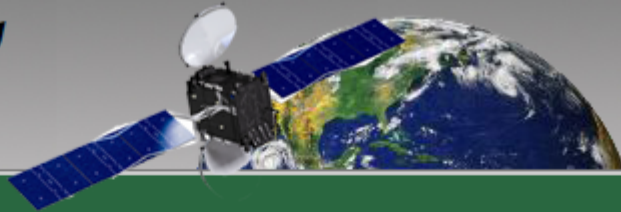
GOFC/GOLD (Global Observations of Forest and Land Cover Dynamics) is a project of the Global Terrestrial Observing System (GTOS) program, which is sponsored by the Integrated Global Observing Strategy (IGOS). The main goal of GOFC/GOLD is to provide a forum for international information exchange, observation and data coordination, and a framework for establishing the necessary long-term monitoring systems.

Global Fire Early Warning System





Fire Monitoring & Mapping Implementation Team



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Regional Networks

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Regional Networks

The principal role of GOFC/GOLD is to act as a coordinating mechanism for national and regional activities. To achieve its goals GOFC/GOLD has developed a number of regional networks of data providers, data brokers and data users. These networks of resource managers and scientists provide the key to sustained capability for improving the observing systems and ensuring that the data are being used effectively.

GOFC/GOLD networks are currently being developed in the following regions:

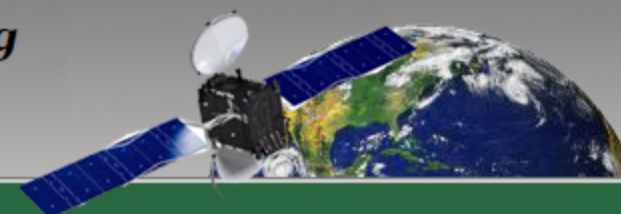
GOFC/GOLD regional networks are being implemented through a series of regional workshops. These regional network workshops engage the user community to address regional concerns and issues, provide a strong voice for regional needs and foster lateral transfer of technology and methods within and between regions. Click on the "Meetings" menu item for information on past and upcoming meetings.

GOFC-GOLD



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Regional Networks

Southern Africa (SAFNET)

Central Africa (OSFAC)

Central Asia (CARIN)

Latin America (REDLATIF)

South America

Central America

South Asia

South-East Asia (SEARRIN)

Latin America Regional GOFC/GOLD Network

Alberto Setzer, INPE

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Web pages:

<http://www.redlatif.org/> (Spanish)

http://www.redlatif.org/index_en.html (English)

Download the latest Redlatif report:

Financial Support for meetings

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- National Aeronautics and Space Administration
- National Science Foundation
- Smithsonian Institution
- United States National Aeronautics and Space Administration

German Federal Ministry for Research and Education (BMBF)
National Science Council of Taiwan

..and more

Members and participants

15 Members and 17 Participants from:

Argentina, Brazil, Bolivia, Chile, Colombia, Costa Rica, Cuba, Mexico and Peru.

EEUU and Spain.

The Global Wildland Fire Network (Isabel Manta de Peru, Luis Diego de Costa Rica y amigos de la naturaleza de Bolivia.)

MEETINGS:

August	2017 – Ciudad de Mexico, Mexico City.
November	2015 – San José dos Campos, Brazil
October	2012 – Santiago, Chile
November	2010 – Guanajuato, Mexico
April	2009 – São José dos Campos, Brazil
September	2007 – Mar del Plata, Argentina
September	2006 – Cartagena de Indias, Colombia
December	2005 – Ciudad de Mexico, Mexico
November	2004 – Santiago de Chile, Chile

More at: <http://redlatif.org/documentos/>



Bienvenidos
Workshop de Detección
de Áreas Quemadas 2015
16 a 20 de noviembre

Asociación:
RedLatF
Red Latinoamericana
de Teledetección
e Incendios Forestales

Patrocinó:
SART
Global Change System for Analysis, Research & Training

GOFC-GOLD
GLOBAL OBSERVATION OF FOREST
AND LAND COVER DYNAMICS

Web Page: www.redlatif.org

- Information on who we are and the link with GOFC-GOLD
- Available web-tools at a continental scale with emphasis on active fires (CONABIO and INPE)
- GeoReferencing of news-media (television, newspapers) of biomass burning in Latin America (an initiative)
- Exchange between institutions (Lilia Manzo to INPE, Fabiano Morelli to CONABIO and Geography Institute, in 2016)
- Events and documentation
- Projects of the Network: Time Series BA, SERENA, AQL2004

Publications

AQL

*Chuvieco, E., Opazo, S., Sione, W., Del Valle, H., Anaya, J., et al. 2008. Global Burned Land Estimation in Latin America using MODIS Composite Data, Ecological Applications, vol. 18(1), pp. 64-79.

SERENA (CYTED)

*Paula D. Blanco, Rene R. Colditz, Gerardo López Saldaña, Leonardo A. Hardtke, Ricardo M. Llamas, Nicolás A. Mari, Angeles Fischer, Constanza Caride, Pablo G. Aceñolaza, Héctor F. del Valle, Mario Lillo-Saavedra, Fernando Coronato, Sergio A. Opazo, Fabiano Morelli, Jesús A. Anaya, Walter F. Sione, Pamela Zamboni, Victor Barrena Arroyo. 2013. A land cover map of Latin America and the Caribbean in the framework of the SERENA project. Remote Sensing of Environment. (132), 13-31

Special number of GEOFOCUS dedicated to Sergio Opazo:

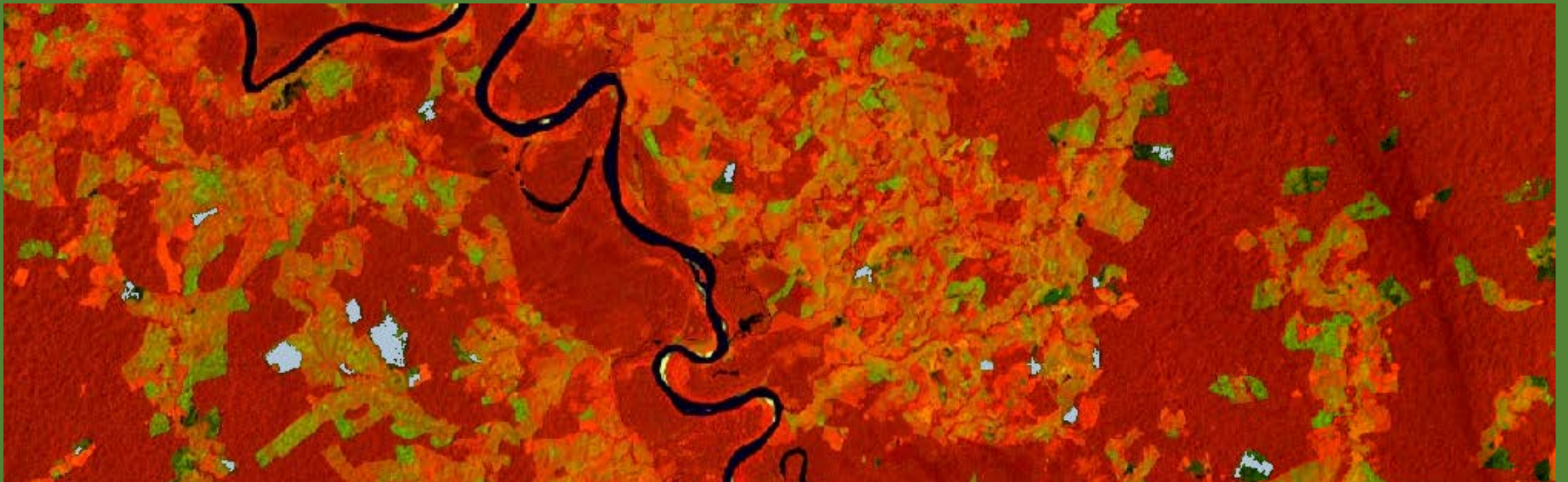
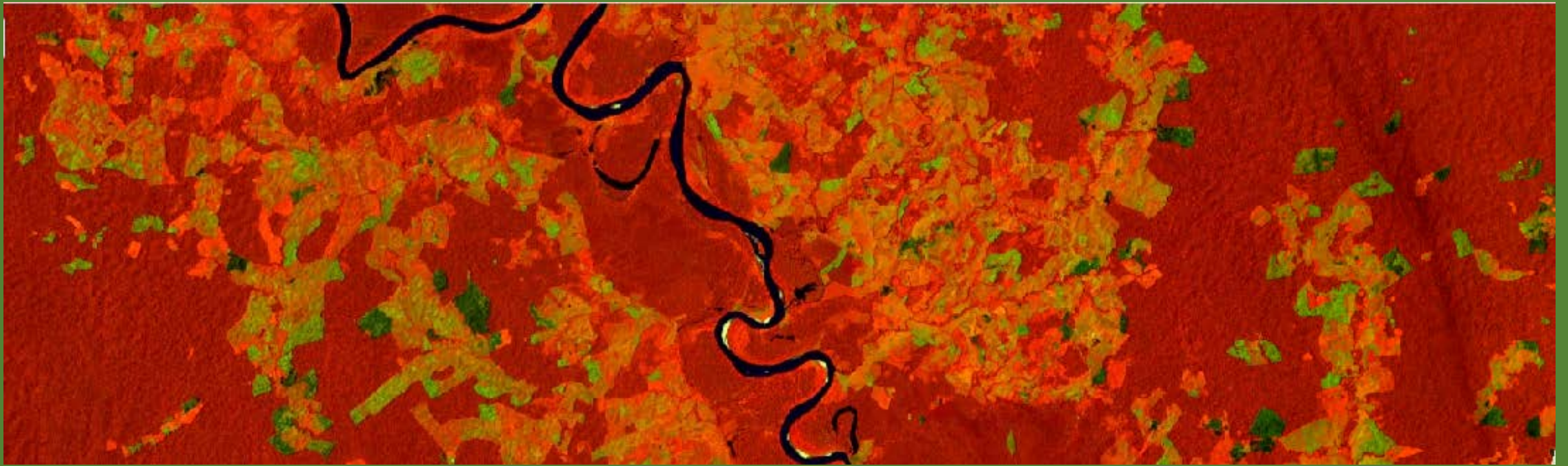
*<http://www.geofocus.org/index.php/geofocus/issue/view/14>

Current Activities

- The last meeting of the network was on INPE, San Jose dos Campos, BR, where we agree to work on the identification of BA using Landsat data.
- Important ecosystems subject to fire are not represented in global BA map, especially because of the small size of BA
- Define new algorithms to detect burned area. There may not be one perfect index for mapping BA.
- Promote agreements between institutions e.g., INPE and UNAM, and UADER and UDEM.

Current Activities:

- Generate reference information at a local level following protocols (Roy and Boschetti) and more recently BAMS (Bastarrika)
- Enhance regional collaboration using GEE cloud computing
- Contribute with Brice Mora in the context of RS and the Essential Biodiversity Variables → drivers of biodiversity loss
- Next meeting in CONABIO, MX, 2017



Future Activities

- Generate regional BA maps at the ecoregion level
- Evaluate existing global maps of burned area (PhD Thesis chapter)
- Estimate biomass burning emissions (PhD students)
- Increase the use of GEE cloud computing

FIN

Thanks