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

Jesús Anaya

15-16 November 2016, Santiago – CHILE

GWIS-JRC

ForestSAT 2016

15 Members and 15 Participants from: Argentina, Brazil, Bolivia, 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.)

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Network Meetings

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

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Bienvenidos
Workshop de Detección
de Áreas Quemadas 2015
16 a 20 de noviembre
RedLaTIF
Red Latinoamericana
de Teledetección
e Incendios Forestales
INPE
START
GOFC-GOLD

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: Timer Series BA, SERENA, AQL2004

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Publications

*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.
*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
*Anaya, J., Chuvieco, E. 2012. Accuracy assessment of burned area products in the Orinoco basin. Photogrammetric Engineering & Remote Sensing. 78 (1), 53-60.
*Anaya, J., Chuvieco, E., Palacios-Orueta, A. 2011. Método basado en teledetección para estimar la emisión de gases efecto invernadero por quema de biomasa. Revista de Ingeniería. Universidad de Medellín. 10 (18), 13-18.
*Anaya, J., Chuvieco, E. 2010. Validación para Colombia de la estimación de área quemada del producto L3JRC para el periodo 2001-2007. Actualidades biológicas. 32 (92), 29-40.
*Palomino, S., Anaya, J. 2012. Evaluation of the causes of error in the MCD45 burned-area product for the savannas of northern South America. DYNA. ISSN 0012-7353. 176, 35-44.
*Anaya, J. 2015. Incendios en Colombia y estimación de gases efecto invernadero por quema de biomasa. Una aproximación desde la teldetección. Sello editorial Universidad de Medellín. ISBN 978-958-8922-01-0. 166 P.
*Anaya, J., Colditz, R., Valencia, G. 2015. Land Cover Mapping of a Tropical Region by Integrating Multi-Year Data me Series. Remote Sensing. 7, 15833

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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.

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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

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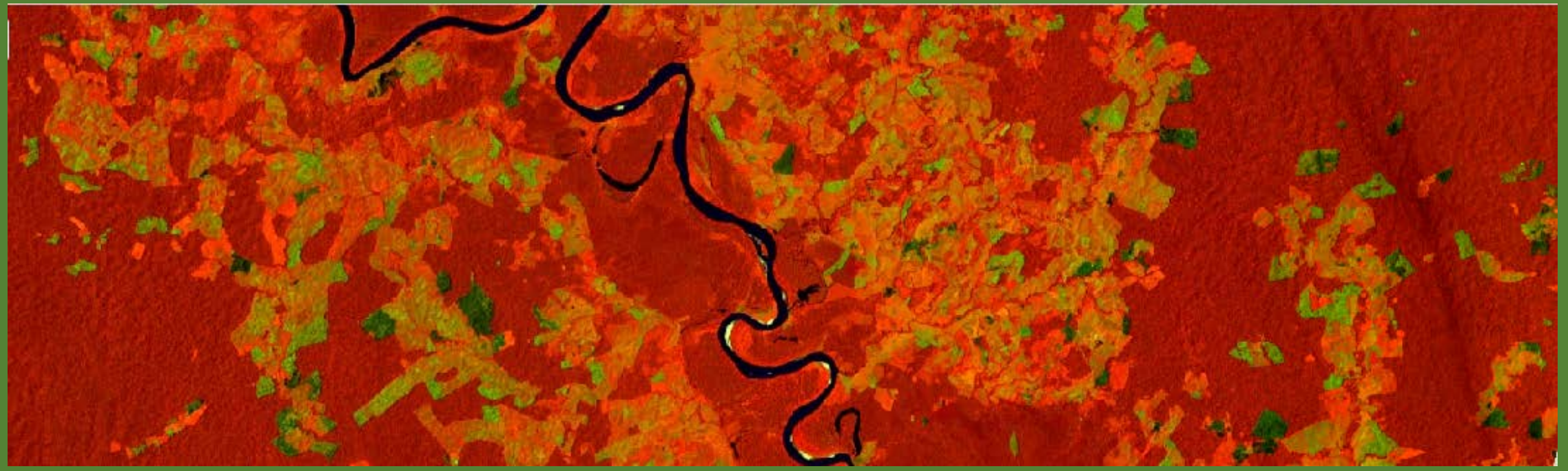
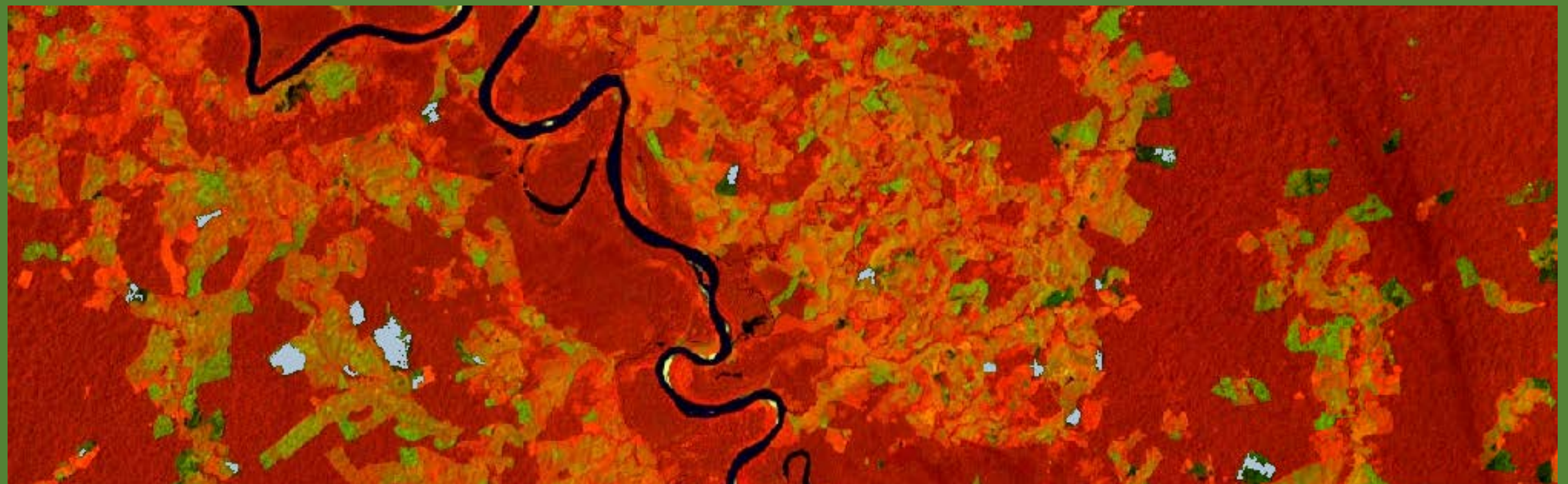
GOFC-Fire IT Meeting





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

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Thanks

14-18 November 2016, Santiago – CHILE

GOFC-Fire IT Meeting