

Events



Lima, October 2012



Lima, October 2012



Paramaribo, November 2013



Paramaribo, November 2013



Lima, August 2014



Bogotá, August 2014

Amazon Region Forest Cover Monitoring

Background: In 2005 the member countries of Amazon Cooperation Treaty Organization (ACTO) moved up in identifying indicators of Amazon Forest Sustainability in the context of Criteria Process and Tarapoto Indicators. At that time the forest cover was identified as a key indicator to generate information. Between 2005 -2006, ACTO implemented the Amazon Joint Agenda Project, addressed to monitoring the región forest using image processing of remote sensing and GIS data, free software systems developed by the Institute for Space Research (INPE).

Afterwards, in 2010 the ITTO-Brazil-SP / OTCA agreement is signed to implement the project " Deforestation Monitoring, Forest Utilization and Changes in Land Use in the Panamazonic Forest" -RED PD 029/09 Rev. 1F. Finally, in October 2013 ACTO signed a Non Refundable Financial Cooperation with the National Economic and Social Development Bank of Brazil (BNDES), to use resources of the Amazon Fund in the "Forest Cover Monitoring Project in the Amazon Region ".

The ACTO Monitoring Project is a initiative of the Amazon Cooperation Treaty Organization (ACTO) designed to develop and implement participatory systems for forest cover monitoring in the Amazon and consolidate existing regional coordination platforms. Born from the joint efforts of the Member Countries of ACTO (Bolivia, Brazil, Colombia, Ecuador, Guyana, Peru, Suriname and Venezuela) and have been executed since mid 2011. As any of ACTO projects of regional nature it features actions of national and regional levels for monitoring deforestation in the Amazon.

The project supports the continuity of government initiatives related to the monitoring of deforestation and changes in land use. It also promotes an institutional infrastructure at national and regional level currently counting with National Coordination Units in each participating country. It contributes to institutional commitments between representative institutions that are committed to the development of monitoring systems in their Amazonian regions. With the cooperation of the International Tropical Timber Organization (ITTO); German Cooperation (BMZ / GTZ) and Dutch (DGIS); Amazon Fund and the National Bank for Economic and Social Development (BNDES).

Monitoring: A Memorandum of Understanding signed by ACTO with the National Institute for Space Research (INPE), allows the instruction and training of technical staff of the member countries in monitoring forest cover in the region, so that the countries have the conditions for implementing the systems through technology transfer offered by the INPE.

Among the main achievements of the project during the period 2011-2014 may be highlighted: (i) supporting national institutions; (ii) the formulation of national plans for Monitoring Forest Cover in the Member Countries of ACTO; (iii) the installation, equipment and commissioning of the National Observation Rooms (SdO); (iv) the recruitment and training of technical teams selected by the countries themselves, and (v) development of regional maps of Amazon deforestation.

Training



October 2011



April - May 2014



February 2012



May 2014



October 2011



August 2014



PROJECT "AMAZON REGION FOREST COVER MONITORING"
 (Deforestation Monitoring, Forest Use and Land Use Changes in the Pan-Amazon Forest - RED PD 029/09 Rev.1F)



Institutions Involved

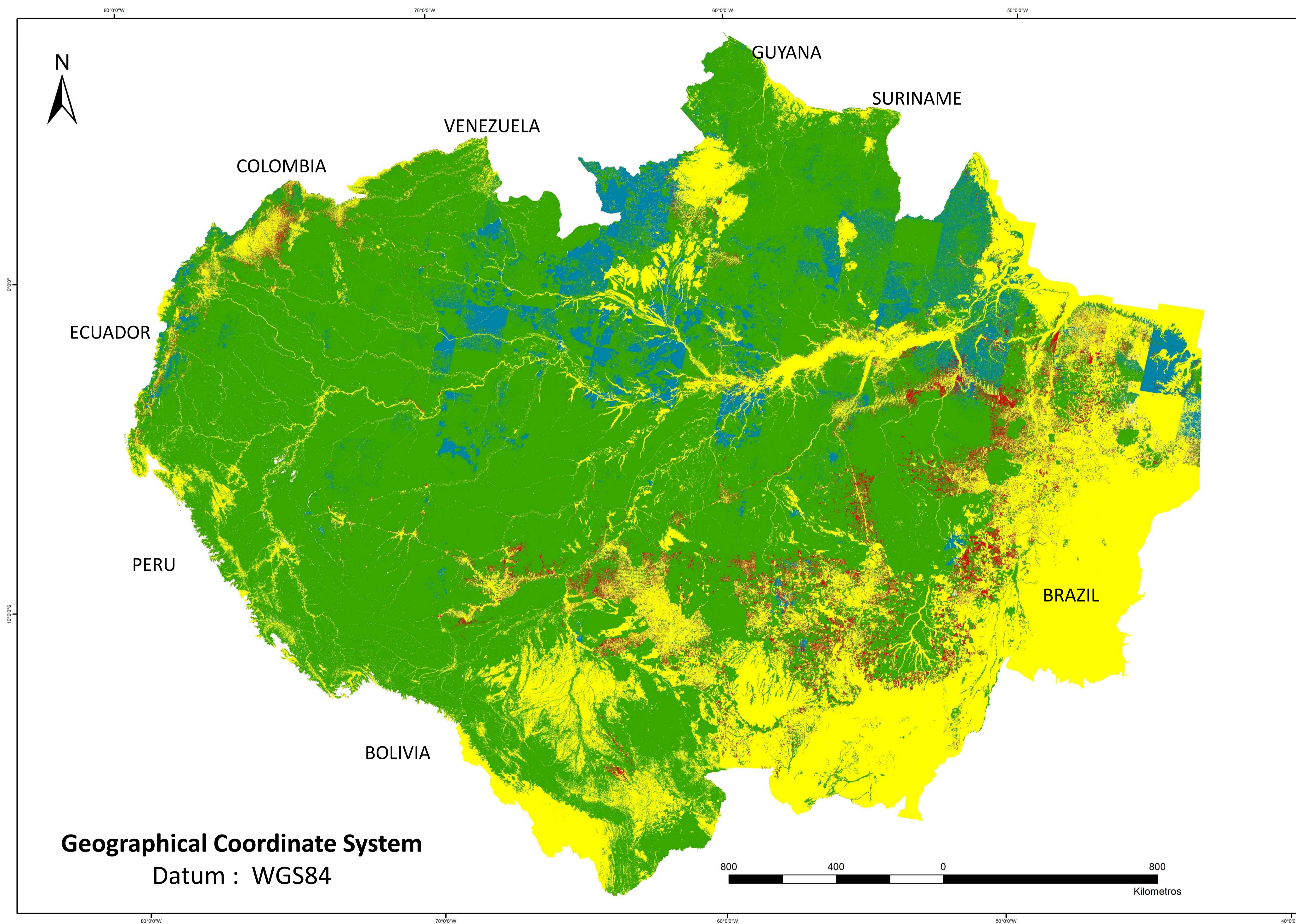
- BRAZIL**
 INPE - Instituto Nacional de Investigaciones Espaciales
 INPE/CRA - Centro Regional de la Amazonia
 MIMA - Ministerio de Medio Ambiente
 PPCDAm - Plan de Prevención y Control de la Deforestación en la Amazonia
 IBAMA - Instituto Brasileiro de Meio Ambiente y Recursos Naturales Renovables
- PERU**
 Programa Nacional de Conservación de Bosques para la Mitigación del Cambio Climático y Proyecto REDD+ - Ministerio del Ambiente
 Servicio Nacional Forestal y de Fauna Silvestre - Ministerio de Agricultura y Riego
- ECUADOR**
 Proyecto Mapa Histórico de Deforestación del Ecuador Continental / Programa Socio Bosque
 Ministerio del Ambiente
- VENEZUELA**
 República Bolivariana de Venezuela, Ministerio del Poder Popular para Ecosocialismo, Hábitat y Vivienda,
 Viceministerio de Ecosocialismo Ambiental, Dirección General de Bosques. Estimación de la Deforestación de la Cuenca Amazónica Venezolana, período 2000-2010

Institutions Involved

- BOLIVIA**
 Ministerio de Medio Ambiente y Agua - MMAYA
 Viceministerio de Medio Ambiente, Biodiversidad, Cambios Climáticos y de Gestión y Desarrollo Forestal - VMABCCGDF
 Dirección General de Gestión y Desarrollo Forestal - DGGDF
 Sala de Observación Bolivia - SOB/OTCA
- GUYANA**
 Guyana Forestry Commission (GFC)
- COLOMBIA**
 Ministerio de Ambiente y Desarrollo Sostenible, Instituto de Hidrología, Meteorología y Estudios Ambientales e Instituto Amazónico de Investigaciones Científicas SINCHI. Datos bosque/no bosque 2000 y 2010 y deforestación del periodo 2000-2010, con base en la información generada por el Instituto de Hidrología, Meteorología y Estudios Ambientales y Estudios Ambientales, a partir del proceso de cuantificación de la deforestación histórica nacional - escalas gruesa y fina
- SURINAME**
 Foundation for Forest Management and Production Control
 Ministry of Physical Planning, Land and Forest Management

Regional Map - Amazon Forest 2010

Legend



- Forest:** high density forest area and continuous crown cover, forming canopy, native and little change.
- No Forest:** areas with different features from the forests physiognomy, including hydrography and human activity.
- Clouds:** areas without information or unobserved due to the presence of cloud cover.
- Deforestation 2000-2010:** Deforested area within the period of 2000 - 2010.

Localization Map
South America

