



ACTO

Amazon Cooperation
Treaty Organization



Bolivia



Brazil



Colombia



Ecuador



Guyana



Peru



Suriname



Venezuela



MODERN DATA AND TOOLS FOR INTERNATIONAL WATERS: Lessons from the Amazon Basin



ACTO: permanent forum for cooperation, exchange and knowledge

The Amazon Cooperation Treaty (1978) is the legal instrument that recognizes the transboundary nature of the Amazon. ACTO was created in 1998; and the Permanent Secretariat was established in 2002.

Amazon Cooperation Strategic Agenda (2009): IWRM is one of the strategic issues of the Agenda.

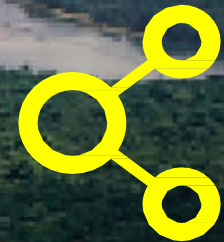
GEF Amazon Project: water resources and climate change



DURATION:
AUGUST 2010 -
DECEMBER 2016



**GEF FUNDING - US\$ 7M,
MEMBER COUNTRIES - US\$
36M.**



PARTNERS:
MEMBER
COUNTRIES,
ACTO, UNEP
AND GEF

Regional strategy for integrated management of transboundary water resources in the Amazon region, considering climate variability and change: SAP technically validated (Jan 2016)

TRINATIONAL EARLY WARNING SYSTEM MAP Region

- Trinational integrated database - supporting risk and vulnerability assessment and decision-making.
- Ecological risk index - mapping environmental stressors and risk areas.
- Trinational field expedition and verification.
- Early warning and communication system - based on TerraMA2 platform.

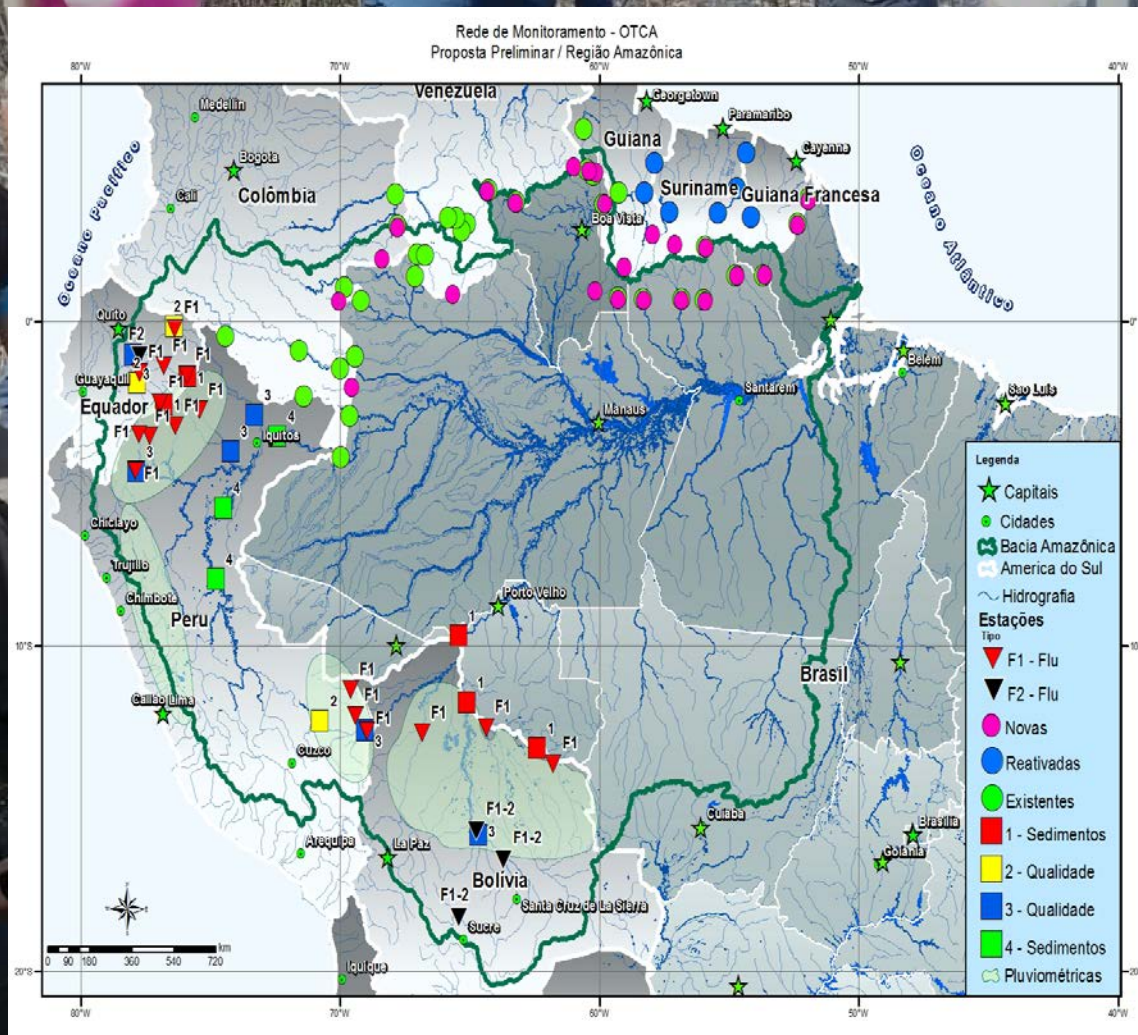
BOLIVIA - BRAZIL - PERU

REGIONAL HYDROMET NETWORK PILOT PROJECT

- Technical capacity building and coordination in hydro-sedimentology, data collection platforms, extreme events.
- Information exchange for effective WR monitoring.
- Regional basic monitoring network project - 73 monitoring points / pilot project - 6 points.
- South-South Cooperation / ANA Brazil-ABC co-financing.

BOLIVIA - COLOMBIA - PERU

REGIONAL HYDROMET NETWORK PILOT PROJECT



An aerial photograph of a city, likely in the Amazon basin, showing significant flooding. The foreground and middle ground are filled with buildings and streets that are partially submerged in brown, murky water. In the background, a wide river flows through a lush, green landscape under a cloudy sky. A tall communication tower is visible in the center of the image.

HYDROCLIMATIC VULNERABILITY ATLAS

1:1.000.000

- Biogeophysical and socioeconomic characterization of the Amazon Basin.
- Analysis of hydroclimatic threats.
- Assessment of vulnerability to extreme hydroclimatic phenomena: susceptibility and adaptive capacity / 5 levels of vulnerability.
- Generation of maps for the Atlas.
- Official data / 5 general indicators and 29 associated variables.

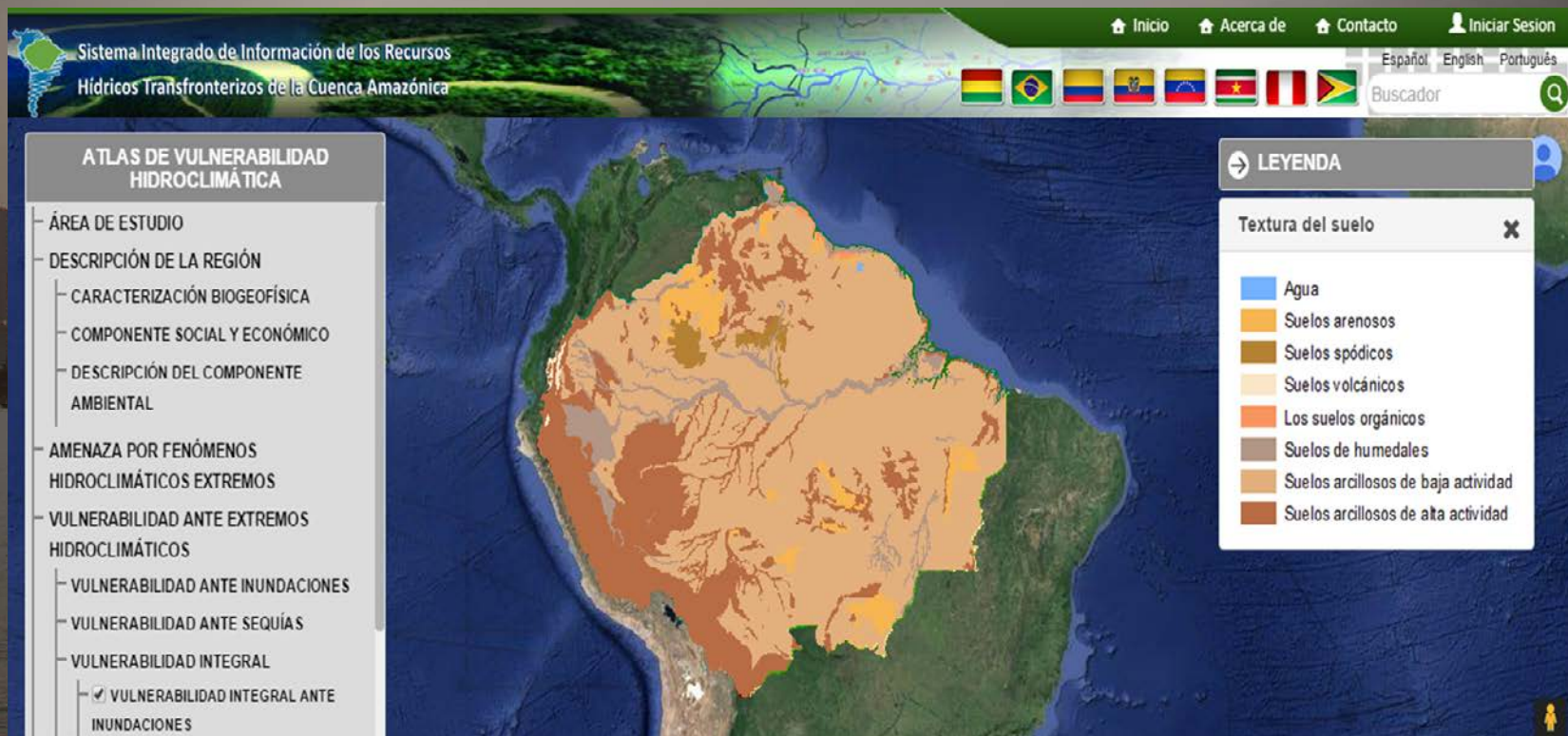


INTEGRATED INFORMATION SYSTEM (IIS)

A technological platform that facilitates the management of information, access to official data on relevant issues of IWRM and inter-institutional coordination, providing a set of tools designed to facilitate the process of decision making and public policy formulation based on information from national and regional levels.

INTEGRATED INFORMATION SYSTEM (IIS)

GEF Amazon Project: Display window of the Vulnerability Atlas



INTEGRATED INFORMATION SYSTEM (IIS)

Inter-institutional coordination: integrating biodiversity contents



Pilot Project IIAP – INPA - SINCHI

A vibrant blue and yellow macaw is captured in mid-flight, its wings spread wide. The bird's body is primarily bright blue, with a distinctive yellow patch around its eye and a yellow beak. Its wings show a mix of blue and brown feathers. The background is a soft, out-of-focus green, suggesting a natural habitat. Overlaid on the image is a large white vertical bar on the left side of the text, and the text itself is in a clean, white, sans-serif font.

Gracias,
Dank U,
Thank you,
Obrigada.

