

# SERVIR AMAZONIA



**USAID**  
FROM THE AMERICAN PEOPLE



International Center for Tropical Agriculture  
*Since 1967 Science to cultivate change*



## Connecting Space to Village

Geospatial information for improved environmental decision making in the Amazon



## SERVIR GLOBAL

SERVIR-Amazonia is part of SERVIR Global, a joint development initiative of the National Aeronautics and Space Administration (NASA) and the United States Agency for International Development (USAID). Since 2005, SERVIR has worked in partnership with countries to use information provided by Earth-observing satellites and geospatial technologies.

SERVIR-Amazonia, led by the International Center for Tropical Agriculture (CIAT), is the newest of five SERVIR hubs. It is a five-year program (2019-2023) that will bring together some of the world's best researchers and development professionals in community engagement, GIScience and remote sensing, as well as climate and Earth systems science. The SERVIR-Amazonia hub will work with regional partners to understand needs, and then to translate these needs into the development of tools, products and services that will allow countries of the Amazon basin to improve decision making and to better incorporate the voice of women, indigenous peoples and their communities.



Collaboration

with **19** US-based universities and research centers located in **14** states

Partner with **5** leading US technology companies

Active in **41** countries

Capacity of over **380** institutions worldwide improved

More than **6,600** individuals trained

**42** Custom services in development or delivery stages

### ABOUT THE INTERNATIONAL CENTER FOR TROPICAL AGRICULTURE (CIAT)

CIAT, a CGIAR research center, works in collaboration with multiple partners to help developing countries make farming more competitive, profitable, and sustainable through research-based solutions in agriculture and the environment. We help policymakers, scientists, and farmers respond to some of the most pressing challenges of our time, including food insecurity and malnutrition, climate change, and environmental degradation. Our global research contributes to several of the United Nations' Sustainable Development Goals. Headquartered in Cali, Colombia, CIAT conducts research for development in tropical regions of Latin America, Africa, and Asia. [www.ciat.cgiar.org](http://www.ciat.cgiar.org)

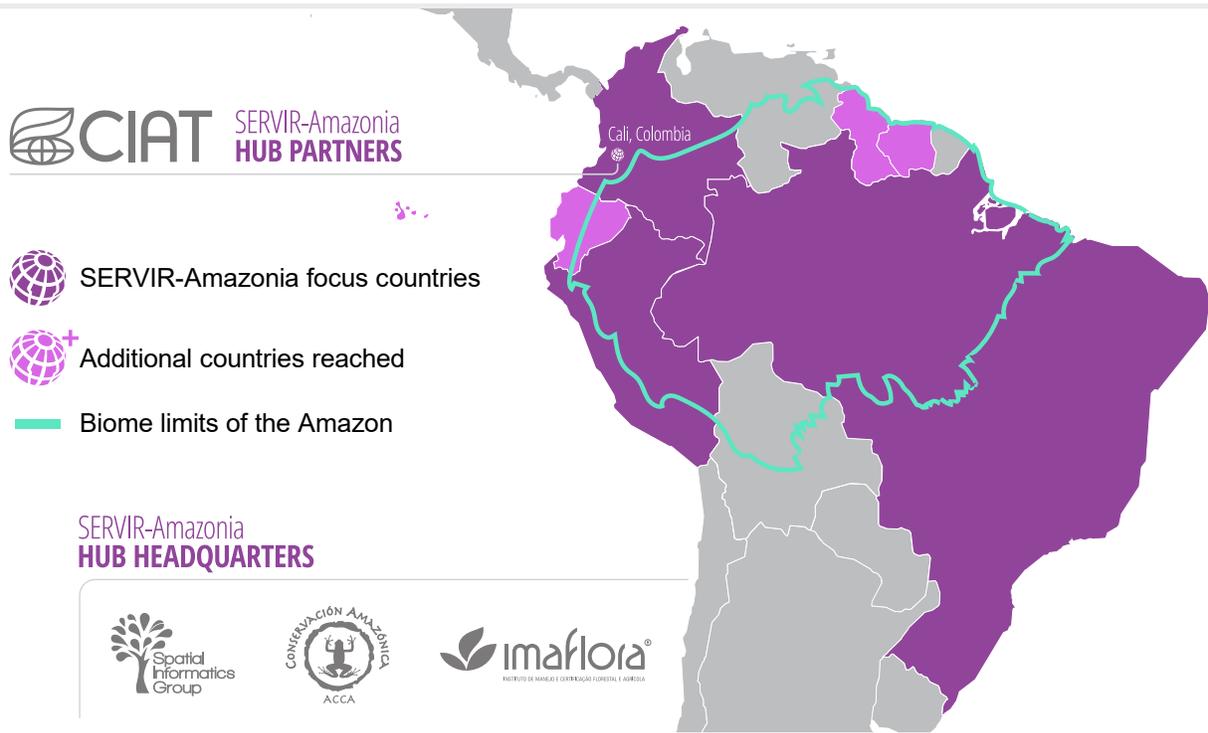
CGIAR is a global research partnership for a food-secure future. Its science is carried out by 15 Research Centers in collaboration with hundreds of partners across the globe. [www.cgiar.org](http://www.cgiar.org)

## HUB PARTNERS AND COUNTRIES

The SERVIR Amazonia hub is hosted at CIAT, headquartered in Cali, Colombia. The SERVIR-Amazonia partners include:

- Spatial Informatics Group - SIG (United States)
- Conservación Amazónica - ACCA (Peru)
- Institute for Forest and Agriculture Management and Certification - IMAFLORA (Brazil)

The Program will work in Brazil, Peru, Colombia, as well as in Ecuador, Suriname, and Guyana.



## THEMATIC AREAS

SERVIR-Amazonia works in four thematic areas empowering actors across the region to track and understand environmental changes in near real-time, evaluate climatic threats, and rapidly respond to natural disasters.



**Drought and  
Fire Risk**



**Water Resource  
Management and  
Hydro-Climatic  
Disasters**



**Weather and  
Climate**



**Ecosystem  
Management**

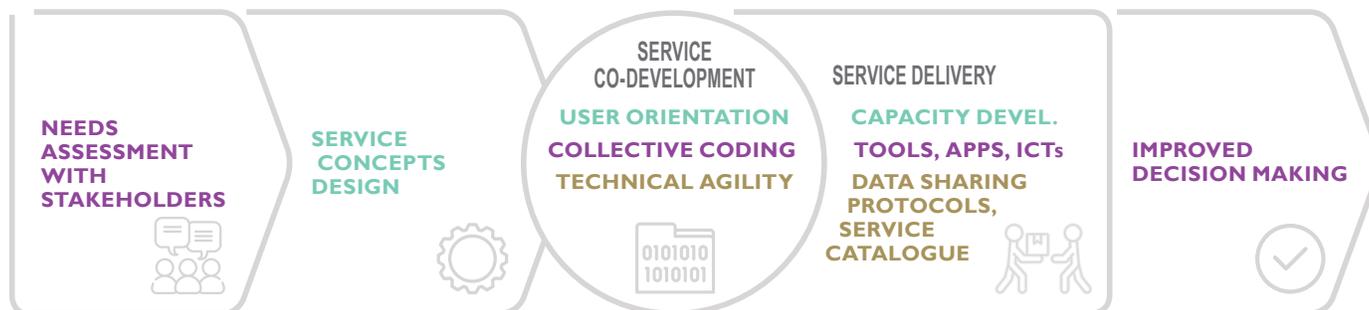
The Program goals are aligned with USAID's Amazon Vision Goals of:

- Reducing land-based greenhouse gas emissions and reducing the impact of climate change,
- Improving the management of protected areas and other conservation areas,
- Securing the rights, resources and health of forest-dependent (often indigenous) communities.

## SERVICE CONCEPT

SERVIR services are user-orientated, needs-based and collectively developed tools, data and training resources to improve environmental decision making.

The SERVIR approach is built around a “service design and delivery” model that includes dynamic teams of regional stakeholders, scientists and subject matter experts in every phase.



SERVIR-Amazonia designs and delivers services with the support of:

- A **Geospatial Business Incubator**: Links services to larger business models that leverage public-private partnerships.
- An **Academic Partner Network**: Connects universities of the Amazon region with one another, as well as with their counterparts in the United States, to develop capacities and co-create tools and services based on geospatial information.
- An **Applied Science Team**: A NASA-led competitive grants process that supports SERVIR in developing science applications for international development through the use of Earth observations.
- A pool of **Subject Matter Experts**: United States scientists or professionals funded by NASA to devote two months of their time to help SERVIR-Amazonia address key issues important for activity development.



### GENDER EQUALITY AND INDIGENOUS PEOPLES

SERVIR-Amazonia fosters opportunities for women in science and technology to participate in the design and implementation of demand-driven projects. The Program also considers the specific needs and priorities of women decision makers. In addition to gender considerations, the Program engages indigenous people’s groups to assure both active representation and participation in the co-development process.

## SERVIR AMAZONIA

### CONTACTS

**Carlos J. Gasco**  
Program Director  
c.gasco@cgiar.org

**José Fernandes**  
User Engagement Lead  
j.fernandes@cgiar.org

**Glenn Hyman**  
Science and Data Lead  
ghyman@sig-gis.com

 [servir.ciat.cgiar.org](http://servir.ciat.cgiar.org)  
 [#SERVIRamazonia](https://twitter.com/SERVIRamazonia)



### INTERNATIONAL CENTER FOR TROPICAL AGRICULTURE (CIAT)

Headquarters and Regional Office for Latin America and the Caribbean  
Km 17 Recta Cali–Palmira CP 763537 A.A. 6713 Cali, Colombia  
Phone: +57 2 4450000

