

SERVIR AMAZONIA



USAID
FROM THE AMERICAN PEOPLE



Alliance



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 Alliance of Bioversity International and CIAT, is the newest of five SERVIR hubs. It is a five-year program (2019-2023) that brings together local knowledge and some of the world's best science in geospatial and Earth observation technology. The SERVIR-Amazonia hub works 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 **20** US-based universities and research centers located in **14** states

Partner with **5** leading US technology companies

Active in **46** countries

Capacity of over **600** institutions worldwide improved

More than **10,000** individuals trained

41 Custom services in development or delivery stages

The Alliance of Bioversity International and the International Center for Tropical Agriculture (CIAT) delivers research-based solutions that address the global crises of malnutrition, climate change, biodiversity loss, and environmental degradation.

The Alliance focuses on the nexus of agriculture, environment, and nutrition. We work with local, national, and multinational partners across Africa, Asia, and Latin America and the Caribbean, and with the public and private sectors and civil society. With novel partnerships, the Alliance generates evidence and mainstreams innovations to transform food systems and landscapes so that they sustain the planet, drive prosperity, and nourish people in a climate crisis.

The Alliance is part of CGIAR, the world's largest agricultural research and innovation partnership for a food-secure future, dedicated to reducing poverty, enhancing food and nutrition security, and improving natural resources.

<https://alliancebioversityciat.org>

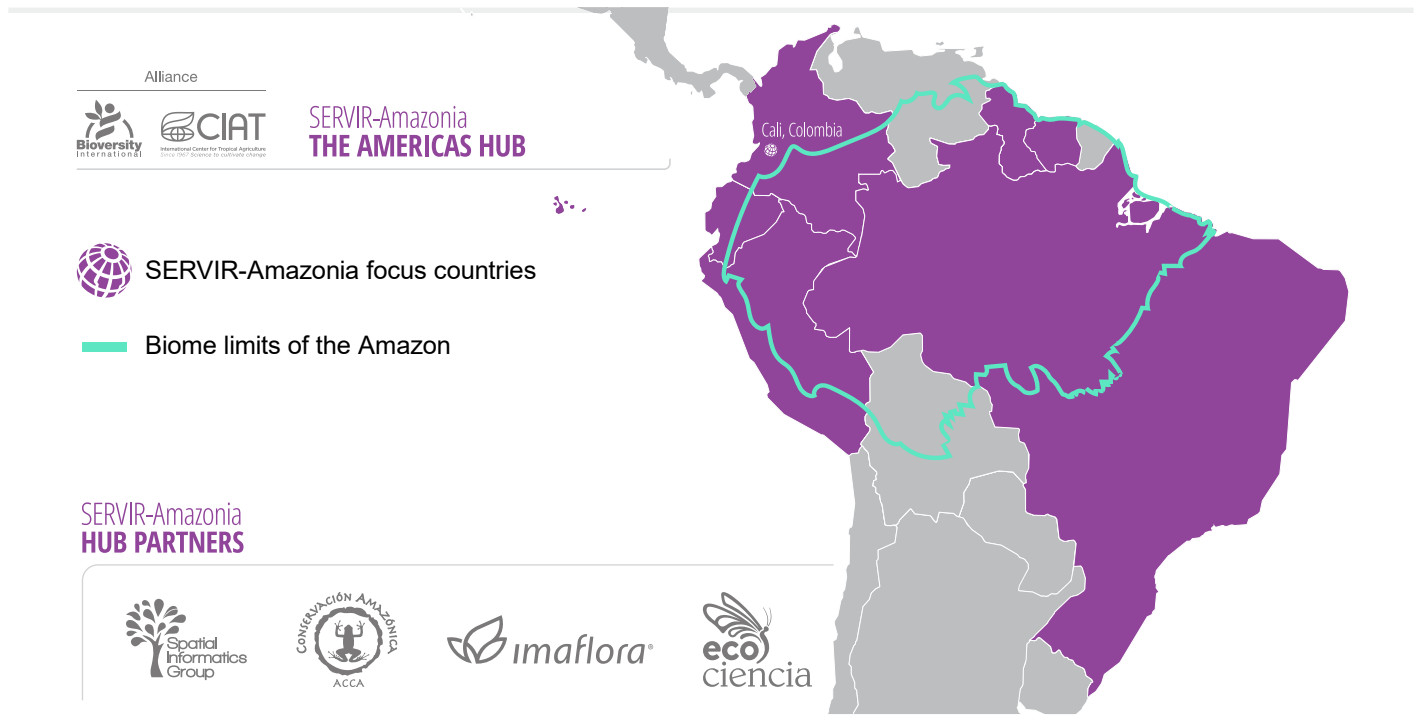
www.cgiar.org

HUB PARTNERS AND COUNTRIES

The SERVIR Amazonia hub is hosted at the Americas Hub of the Alliance of Bioversity International and CIAT, located 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)
- Fundación EcoCiencia (Ecuador)

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

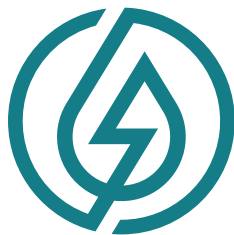


SERVICE AREAS

SERVIR-Amazonia works in four service 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 and Water Related Disasters



Weather and Climate



Land Cover Land Use Change and Ecosystems

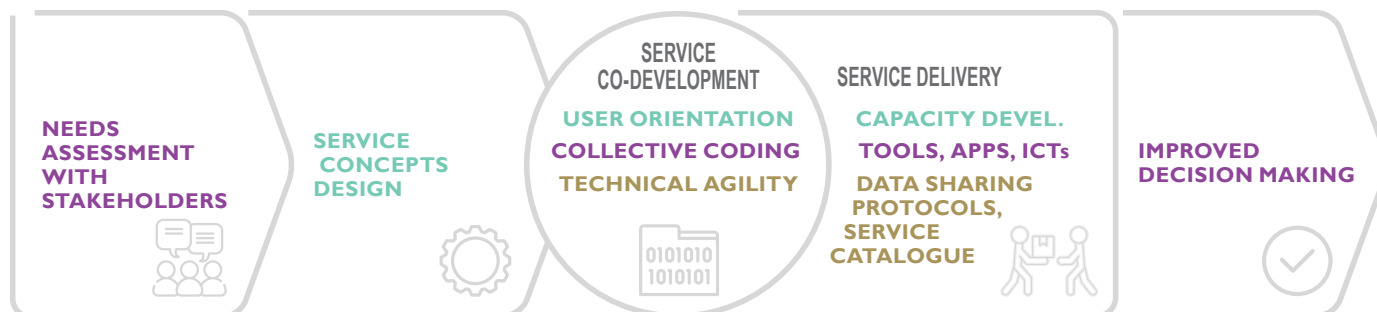
The Program goals are aligned with USAID's Amazon Vision Goals of:

- 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 APPROACH

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.



Consult our service catalog at <https://servir.ciat.cgiar.org/service-catalogue/>

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

- 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.
- 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 **Ecosystem of Entrepreneurship**: Links services to larger business models that leverage public-private partnerships.



GENDER EQUALITY AND INDIGENOUS PEOPLES

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

SERVIR AMAZONIA





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