CITIZEN SCIENCE THE AMAZON

Knowledge for conservation and better lives

More than 40 organizations from Bolivia, Brazil, Colombia, Ecuador, the United States, France and Peru are working to connect people from the entire Amazon basin to collect and share information about the most important migratory fish for the people and aquatic ecosystems of the Amazon. Together we will collaboratively produce necessary scientific information for the sustainable management of fisheries and the conservation of priority aquatic ecosystems, and, in the process, a more empowered citizenship.

 \triangleright

The Amazon covers more than 7 million square kilometers (40% of South America) and is home to 10% of the planet's species diversity.

This great watershed harbours the world's largest tropical forest, which is interconnected by its rivers and the fish that travel them. The dourada, a large migratory catfish, migrates between the Atlantic estuary and the Andean tributaries, making the longest freshwater migration on the planet.

Those of us who live in the Amazon know the importance of rivers and fish in our lives: they are central to our way of understanding the world and relating to it, and are ever present in our daily routines and traditions. Fish are key to our subsistence, as they are a primary source of food and income.

Understanding fish migrations, and the environmental factors that influence them, is fundamental for ensuring that fishing is sustainable and ultimately conserving Amazonian freshwater ecosystems.

Although important traditional and scientific knowledge has been accumulated over time, large information gaps remain to understand how large scale processes play out in the Amazon.



Our guiding principles are:

Amazon scale

Understand how processes at the scale of the Amazon basin work.

Science

Generate information to answer the question "Where and when do fish migrate in the Amazon basin and what environmental factors influence these migrations?

Conservation

Empower people and organizations to contribute to the conservation and sustainable management of the Amazon.

Technology

Develop and adapt innovative, low-cost technology to collect and share information about the fish and rivers of the Amazon.

Value local knowledge, respect the rights of people and the sovereignty of countries.

Collaboration

Nurture collaboration between people and organizations across the Amazon.

WCS Cornell Ornithology Laboratory Florida International University Conservify Instituto Mamirauá Instituto del Bien Común San Diego Zoo Global Fablab Peru Ecoporé

Sapopema Rainforest Expeditions UNIR Institut de Recherche pour le Développement Laboratorio Mixto Internacional - Evolución y Domesticación de la Ictiofauna Amazonica Instituto Sinchi ACEER CINCIA

Partners

ProNaturaleza CITA/UTEC Universidad San Francisco de Quito Instituto de Investigaciones de la Amazonia Peruana Institute for Global Environmental Strategies Amazon Dams Network Earth Innovation Institute FAUNAGUA

With the support of: Gordon and Betty Moore Foundation. In collaboration with: Iniciativa Aguas Amazónicas - Ríos Vivos Andinos - Amazon Fish