



2023 Fisheries Science Seminar Citizen Science

Focus: species

130 freshwater food and
ornamental fish species



What is this project about?

Ictio.org is a free platform used by citizen scientists for recording fish observations to understand migratory patterns and in turn inform fisheries management decisions at multiple scales in the Amazon Basin. The project . The platform is the result of collaboration between local and indigenous populations, fisherfolks, researchers, and NGOs, and it was developed by Cornell University in partnership with the Wildlife Conservation Society and the Citizen Science for the Amazon Network. It relies on two forms of data collection: a mobile phone app and a webpage. The platform was designed and is managed collaboratively among diverse partners from research, academia and civil society organizations from seven different countries, significantly enhancing its reach and chances of long-term sustainability.



...and citizen science?

Citizen science was instrumental to connect and scale the collection, sharing, and use of data on Amazon key fish species. It helped addressing major challenges in monitoring and managing fisheries at large scales, in a context where fisheries are a resource that local people need and care about, where local participative models for fisheries management are well-established but are localized, and in a remote region with little government support (and even fewer resources for research). As of March 2023, 671 individuals and organizations shared information across the entire Amazon basin using Ictio. The platform includes 106,370 observations of 119 fish species.



Want to know more?

Contact: Sannie Brum - sbrum@wcs.org

