**ANNUAL REPORT**

**GLOBE Ecuador**

**2020 - 2021**

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# INTRODUCTION

Despite the declaration of a pandemic made by the WHO due to COVID-19 and the impact of the health crisis that the country had in the course of 2020 and persists, although on a smaller scale, this year GLOBE Ecuador has managed to identify spaces in which it is possible to act legitimately and, at the same time, efficiently and effectively, with educational establishments that are administered with an autonomous regime against the general fiscal system and in other spaces where citizen science can be strengthened.

In a certain way, taking advantage of the virtuality that was lived and lives in the country, we have made progress in agreements with various actors to scale to new levels for data analysis and the use of its results in different local technical and scientific fields.

# EDUCATION

Regarding the actions carried out and based on the EDUCATION goals of the GLOBE Strategic Plan 2018-2023, the following are as detailed:

**Student investigations**

Facilities and students have been included in the program to conduct research based on GLOBE. For the effect:

* Virtual meetings were held between the coordination of GLOBE Ecuador with representatives of private and community educational institutions and preliminary agreements were reached to start the training processes for the teachers of said institutions. We are awaiting a response to requests for financial funds requested from potential donors to be able to equip at least the basics, especially a community school interested in participating in the program.
* Two outreach meetings were held to establish joint work between the Metropolitan Public Company for Mobility and Public Works EPMMOP of the Municipality of the Metropolitan District of Quito and OIKOS, with the purpose of integrating the GLOBE in the actions of environmental education processes at the community that has that organism. It is planned to at least start working with five educational institutions in the city of Quito, when the health emergency conditions warrant it.
* A follow-up has been carried out on educational institutions that are within the program and that have returned to blended learning; some teachers have become active again in the program and work with their students on GLOBE research.

# SCIENCE

# COMMUNITY

From several meetings and conversations held between August 2019 and March 2020 (beginning of the confinement due to the pandemic caused by COVID-19) with the country's educational authorities, interest in these instances and support have persisted so that teachers and students are trained and can send data to GLOBE. In 2021, in order to increase the number of schools that provide data to the GLOBE system, it has been possible to link teachers in the country to be trained using virtual workshops organized by the coordination of Uruguay, Argentina and Peru. For this purpose, approaches have been made with community leaders from the Province of Manabí, who have agreed to work with GLOBE both in their community schools with students, as well as with community members doing citizen science. For the rest of 2021 and the beginning of 2022, funds are expected to finance the basic equipment of these community schools and proceed to sign work agreements between the beneficiary communities and OIKOS, which will facilitate the execution and permanence of the GLOBE Program.

On the other hand, with the EPMMOP or, failing that, with the Environment Secretariat of the Metropolitan District of Quito, it is hoped to maintain contact and interest in integrating the GLOBE Observer into citizen science programs and motivating community leaders to participate in the campaigns predicted by the GLOBE.

Additionally, with the private company in the area of ​​influence of the El Cabuyal Manabi community, it is expected to establish cooperation agreements to support the financing of the communities so that community participatory monitoring is integrated under the citizen science approach with the use of the GLOBE Observer app.

# APENDIX

# STAFF

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