

GLOBE Program Dominican Republic ANNUAL REPORT 2021-2022

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THE GLOBE PROGRAM

INTRODUCTION

The GLOBE Program is now part of the national environmental program of the Ministry of Environment, virtual conferences, virtual visits to schools, live virtual interviews, social media and this November we will be a pivotal part of the National Environmental Conference.

Our main focus is on Citizen Science and from these enthusiastic followers we are now more active in schools and universities.

In our agreement with the Ministry of Environment, we compromised, since November 2020, to participate in national campaigns to educate and train teachers, students, and citizens in environmental topics using the GLOBE Program Protocols and Projects, and to promote private collaborations to reach the “Sustainable **Development Goals**” that are the blueprint to achieve a better and more sustainable future for all.

We continue working with our popular GLOBE DR project-> “Bee Alive” that promotes phenological gardens with pollinators favorite flowers, water, and shelter to study and protect bees, hummingbirds, and butterflies. “Bee Alive” is now part of the Santo Domingo City projects with neighborhoods.

On August 2022 we started to participate, with the help of the Italian Embassy in Santo Domingo, in the **GLOBE Italy Microplastics Project**, taking for the first time scientific standardized measurements of the microplastics contained in the oceans, rivers, and lakes. We are also including the GLOBE Hydrology bundle in this project.

We are also proud of our Alumni for their achievements in science and environmental projects, this year we graduated our first Aeronautical Science Engineer at the University of Miami.

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THE GLOBE PROGRAM

EDUCATION

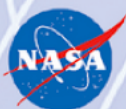
Dominican GLOBE Schools and universities are using the GLOBE Program as part of their Science, Earth Science, Physical Science, Biology, Chemistry, and Environmental Science Curriculum. Our goal is to reach the public sector to fully promote the program. With the Ministry of Environment agreement and the global need for a change in our carbon print, we are presenting national webinars and on November 3rd and 4th the “**Congreso Medioambiental para Docentes 2022**” a national in person conference to train teachers and citizen scientists in the use of GLOBE Protocols.

On April 22, 2022, we organized the first GLOBE Dominican Republic and Microsoft TEAMS, Virtual Science Fair to celebrate Earth and GLOBE birthday. We also participated in national virtual presentations for the Ministry of Environment to promote the GLOBE Program and the students’ scientific projects using technology to service the the “Sustainable **Development Goals**”.

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THE GLOBE PROGRAM

SCIENCE

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We also continue our study of the Saharan Dust aerosols and how they influence the hurricanes path, the allergic cases, respiratory system diseases, temperature, mosquitos’ population, and precipitation in the island.

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THE GLOBE PROGRAM

COMMUNITY

An important agreement is on with the Ministry of Environment, were we compromised, since November 2020, to participate in national campaigns to educate and train teachers, students, and citizens in environmental topics using the GLOBE Program Protocols and Projects, to promote private collaborations to reach the “Sustainable **Development Goals**” that are the blueprint to achieve a better and more sustainable future for all.

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Our collaboration with GLOBE Italy and Australia and the help of the Italian Embassy in Santo Domingo will expand our relationships with a broader community trying to reach a common goal: measure the microplastics contained in oceans, rivers and lakes and drastically reduced the “one use plastics” in our daily lives, creating awareness with scientific data about the catastrophic consequences of microplastics in the bodies of water.

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APPENDIX

Microplastics webinars, training the trainers.

