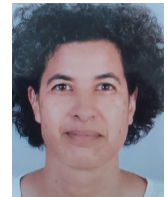


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# Country

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- Organization and Number of Staff: Green Heritage Fund Suriname, 8
- Funding by: Various organizations
- Cooperating Organizations/Individuals:
- GLOBE Schools: -
- GLOBE Protocol Areas: Atmosphere, Hydrosphere and Biosphere
- Number of Schools Reporting Data over Past Year: -

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### Program Implementation, International Cooperation in GLOBE Network, and Activities over Past Year (categorised by GLOBE Strategic Plan 2018-2023 Goals):

- Education

The GLOBE assistant Country Coordinator works as a biology teacher at the Ad Fontes Lyceum. Every year she does GLOBE activities with her students focusing on either clouds or mosquitoes. This year the students had to create posters about clouds. Through this activity, the students learned about cloud formation and weather.

- Science

The organization was able to finish the mangrove protocol and is almost ready to present this to the GLOBE LAC community. The protocol was discussed during the Trees Around the GLOBE Student Research Campaign Webinar.

- Community

From April till September of this year activity boxes were distributed to 15 secondary and high school students from the districts of Coronie and Nickerie. Every month the students received an activity box with an experiment related to mangroves. Each activity box contained all the instructions and necessary materials for the experiment. A total of 6 experiments were developed focusing on the role of mosquitoes in the mangrove ecosystems and how to identify the larvae, water filtration through mangrove forests, erosion and sedimentation. The students got the opportunity to showcase the experiments and share their experiences with their community at the mini mangrove fair organized in Nickerie. A video of this event can be seen on our YouTube page (<https://youtu.be/E74IRBFs4Sg>).

The idea for the activity boxes came from Claudia Rodriguez-Ortega from Paraguay.

In August and September, summer vacation activities were organized for children from Nickerie and Coronie, as well as the indigenous community of Galibi. Using stories, experiments, arts and crafts and fun games, the children learned about the importance of mangrove forests for migratory birds and how these birds can lose their habitats as a result of climate change, oil spills, and other harmful activities.

On the 1st of October, a climate change event was organized in Paramaribo during which participants learned about the seven climate change principles.

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During this event, the GLOBE hydrology and cloud activities were used to educate the participants on the impact of climate change.

The organization was also invited to participate in the Migratory Bird Festival 2022 in Nickerie. During this event, we educated participants about the importance of mangroves for migratory birds, the role of mosquitoes in mangrove ecosystems and the link between mosquitoes, mangroves, migratory birds and climate change.

- Technology

The videos for our Canopy lab Mosquito course are currently being developed by our interns and should be finished by the end of October. Other materials and quizzes have already been uploaded to the platform.

- Communications

On 12 July 2022, the organization participated in the Trees Around the GLOBE Student Research Campaign Webinar where we discussed our work on developing a mangrove protocol and working with local communities in the Districts of Coronie and Nickerie, Suriname, as well as an expansion to a third coastal district in Suriname.

Plans and Ideas for Next Year: There are plans to start a GLOBE club at Wit Santi, in the district Para. The Ad Fontes Lyceum is also interested in becoming a GLOBE school. The organization will continue to educate children using GLOBE protocols and activities.



Training of a group of youth from Interact group Brick-by-Brick to learn how to teach other children about climate change



Youth from Interact group Brick-by-Brick teach other children about the water cycle and climate change.





Figure 3 One of the activity boxes



Figure 1 Oil spill experiment during vacation activities



Figure 2 The migratory birds musical chairs game





Teaching about Climate Science Principle 1 and how climate change is affecting migratory birds on migratory bird day



Teaching about Climate Science Principle 1 and how climate change is affecting migratory birds on migratory bird day