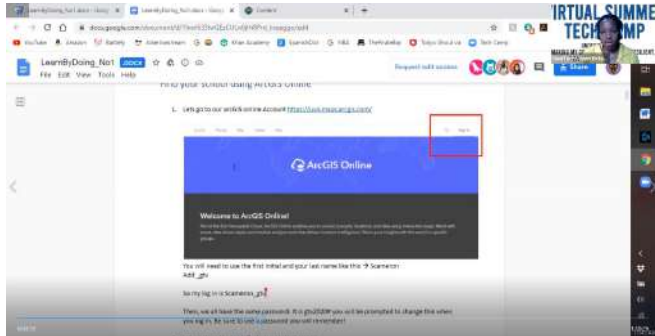


Virtual Summer Tech - Camp 2020



One of the lab activities led by Sheree Cameron (GTV)



One of the participants Final Presentation



Picture of Closing Ceremony, from top left Dr. Sooman (ACS), Ms. Tricia Barrow (ACS), Dr. Michael Sutherland (UWI, St. Augustine), From second row left Josiah Burkett (GeoTechVision) and some of our participants.

OVERVIEW	
Flying Labs	Jamaica Flying Labs
Location	Kingston, Jamaica
Date	August 24-28, 2020
Length (number of days)	5
Sector program (optional)	AidRobotics, DevRobotics, YouthRobotics

Format	Online
Co-organizer if applicable	Association of Caribbean States, GeoTechVision Enterprises Ltd, University of the West Indies St. Augustine Campus
SDGs	GOAL 4: Quality Education GOAL 11: Sustainable Cities and Communities

SCOPE & OUTCOMES	
Type of training	1. Youth/STEM training
Goal of the training	1. Train and empower youth and the workforce of the future 2. Promote Disaster Resilience using GIS tools
Expected outcome for participants	Participants were expected to understand how GIS is used to mitigate risk and build resilience. They should also gain an appreciation for the individual and collective impact they can have on their community.
Confirmed outcome after training	Campers can use GIS to build basic maps, story maps and virtual surveys. They are expected to be able to assist their communities in risk and vulnerability assessment by building easy to use GIS web applications such as survey forms and story maps. Please click here to view the final work of the participants
Eventual next steps	1. Announce Web App Competition Winner. The competition required a combination of all the skills participants learnt at the camp. They would be required to create virtual surveys and informative story maps to assist their community with becoming disaster resilient. 2. Connect with Participants who were interested in joining GeoExplorers and Jamaica Flying Labs Young Ambassadors club. The GeoExplorer is a GIS based club which teaches students about GIS and allows them to network with professionals by volunteering and becoming attached to a Mentor in the profession.

	<p>Jamaica Flying Labs Young Ambassadors club is a pilot project of JFL which will seek to recruit students who have an interest in STEM and Robotics field. In both clubs students will have the opportunity to work on projects and gain experience.</p> <ol style="list-style-type: none"> 3. Edit training material for next camp. 4. Translate material if required to Spanish and French as the next camp will be offered to spanish and french countries under the project.
<p>Lessons Learnt</p>	<ol style="list-style-type: none"> 1. As this was the first time delivering a GIS Camp virtually, we believe we executed a successful camp based on feedback from students. 2. From the onset, one challenge experienced was that even though the camp was oversubscribed, only 15 campers attended the camp on a consistent basis. We instituted a rollcall system and observed that campers would either show up late after lunch or disappear after some activities. 3. The social interaction was limited as it was optional for campers to turn on their cameras. As we can see by the responses some campers felt this would have helped for us to have made it mandatory. 4. Over 50% of applicants and camp participants were from Guyana while remaining participants were from Guyana, St.Kitts, Dominica. Under more ideal circumstances we would hope that no more than 2 students would have been admitted from each country since this camp was offered to english speaking member states of the ACS. This outcome however was due to late marketing of the camp. We advertised on social media (instagram, linkedin). We also directly marketed to our personal contacts. In future instances this will be prioritized. 5. Further to this, some applicants were quite disappointed that they were not selected to be a part of the camp. Due to the resources available we were unable to facilitate anymore participants. It was unfortunate therefore that at the end of the camp 5 campers did not choose to continue with their

	<p>participation. We are not sure of the reason for them discontinuing with their attendance. We however extended an invitation for all registrants and participants to be a part of our mailing list for future activities and also the GeoExplorers group.</p> <p>6. We will need to manage the duration of time of activities in the next delivery of the camp. We found that students asked for instructions to be repeated and this led to significant disruptions in the allotted time for activities.</p>
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PARTICIPANTS	
Profiles	<ul style="list-style-type: none"> ● 3 Staff from Organizations (ACS, UWI and GeoTechVision) (non-profit/for-profit/research institutes, etc.) ● 15 Professionals (individual consultants, researchers, experts, teachers, etc.) These persons assisted with the content development, and technical support ● 15 School children aged 13 - 18
Gender ratio	73% male and 27% female
Who paid for the training?	Free training for participants which was sponsored by the Association of Caribbean States
Scholarships offered?	No, however there were cash prizes awarded

CONTENT	
Training components	<ul style="list-style-type: none"> ● Theoretical component lasted approximately 4 hours in total ● Practical component lasted 20 hours in total ● Daily engagement ran from 9am - 2pm with 1 hr for lunch. The sessions were mixed.
Training resources used	<ul style="list-style-type: none"> ● Esri ArcGIS Online, ● Survey 123 ● Story Maps

Approaches and methods used	<ul style="list-style-type: none">● It was hands-on, the exercises were tailored to the Caribbean region, and students were allowed to create output from start to finish.● All participants were involved in practical training. Lectures and discussions were given prior to lab exercises. The mode of delivery was via zoom and google docs.
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