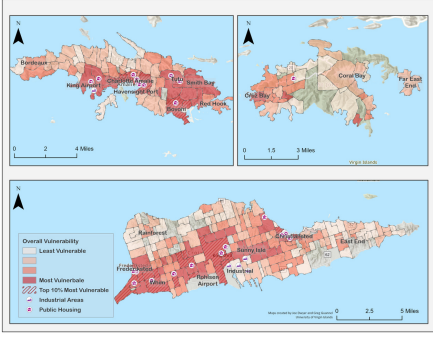




CGTC Newsletter

Caribbean Green Technology Center

What's in this edition: ● *USVI Social Vulnerability Index* ● *USVI and Puerto Rico Caribbean Climate Change Conference* ● *Pre-engineering program at UVI starting in Fall 2022* ● *UVI students work on coastal characterization, zero-waste & energy and more...*



Identifying the most socially vulnerable communities in the USVI

The creation of a Social Vulnerability Index (SVI) for USVI communities is critical to understand the social determinants of health for the most

vulnerable and create appropriate policy and interventions. Researchers at the University of the Virgin Islands and the Government of the Virgin Islands have recently released a first estimate of a SVI for the US Virgin Islands. Their methodology follows that of the Center for Disease Control (CDC's) SVI and uses data from the US census estate level to assess relative vulnerability. This report has been submitted for publication and is currently available on the CGTC website <https://cgtc-usvi.org/usvi-social-vulnerability-index>.



UVI is currently planning the launch of newly developed engineering courses that will be offered in Fall 2022. UVI has multiple pathways for students to pursue engineering including its UVI's well-



established Dual Degree Engineering Program which has a 20-year history of success. Now through an engineering concentration in Physics, students can also take basic engineering courses while at UVI. These courses will better prepare students to be successful in the dual degree program as well as for the workforce. Learn more here: <https://cgtc-usvi.org/uvi-engineering>

Other updates:

- CGTC attends Caribbean Renewable Energy Forum and Territorial Climate and Infrastructure Workshop.
- CGTC presented at World Creativity and Innovation Week at UVI
- CGTC writes [Water Use Workplan](#) for DPNR
- Island Green Living now hiring a [Recycling Manager](#)

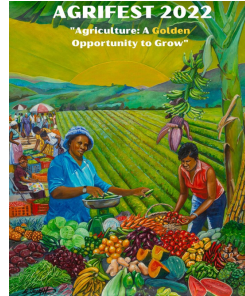


In April, CGTC's Greg Guannel and Ariel Stolz presented at the Third Climate Change in the Caribbean Conference: Promoting Climate Resiliency in Puerto Rico and the US Virgin Islands. This opportunity allowed stakeholders from US Caribbean Territories to share the latest findings in climate change research and provide

updates on current work being done in the region. CGTC talks were titled "Climate Change in the U.S. Virgin Islands", "VI Hazard Mitigation and Resilience Plan: Building a Comprehensive Approach to Risk Reduction", and "USVI Comprehensive Energy Strategy: Our Energy Vision for the Future". The event organizers are still in the process of preparing recordings to share with the public which will be posted [here](#).

Student Spotlight

This Spring semester CGTC had a number of UVI students working as interns on various projects ranging from sustainable materials management to beach and coastal characterization to renewable energy technology and policy. Dishon and Lia worked on the Trash to Treasure project to create a database of entities in the Virgin Islands that help keep trash out of the landfills through the 3R's - reducing, reusing and recycling. Lianni and Joleen worked on a research project related to shoreline characterization measuring beach characteristics such as slope, width, sediment sizes. Nikell and Mackean worked on data collection and analysis related to renewable energy in the USVI to help with CGTC's projects to create a Comprehensive Energy Strategic Plan as well as to develop a new program at UVI for Renewable Energy Technology. Check out this [interview](#) of Joleen Buchanan's research experience at CGTC.



Upcoming Events:

- May 28-30 - STX [Agrifest 2022](#)- "Agriculture: A Golden Opportunity to Grow"
- October 2022 Date TBD - VI Energy Fair