

Bahamas Protected Areas Fund						
List of Executed Projects under the CBF Hurricane Dorian Recovery Grant - 2nd CFP						
As at October 2021						
Grantee	Project Name	Duration of Award	Date of Award	End of Award	Total Approved	Project Brief
Friends of the Environment (FRIENDS)	Improving sustainability and building resilience at Forest Heights Academy (FHA) - Marsh Harbour, Abaco through the installation of a solar photovoltaic system with batteries.	12mths	5-Aug-21	5-Aug-22	\$ 95,534.00	This is a solarization project that will allow the Forest Heights Academy(FHA) to be able to open for full time operation in September 2022, hosting day and night classes powered by approximately 20% renewable energy. FHA will be able to direct the savings from their monthly electricity bill to monthly maintenance of the solar system and new ways to improve the school's sustainability and resilience. Installation of a well with pressure pump supported by the solar PV system, will eliminate the need to send students home due to water and power outages. Additionally, two recent high school graduate will assist in the project by garnering the knowledge and skills required for them to pursue further education or a career in renewable energy. Further, two FHA staff will obtain the knowledge required to facilitate safe operation/ management of the solar PV system and explain its operations to the wider school community.
Bahamas Marine Mammal Research Organisation (BMMRO)	Saving Abaco's Dolphins after Hurricane Dorian	12mths	30-Jul-21	30-Jul-22	\$ 24,348.00	This project will use a science-driven, conservation approach to assist in saving a declining population of bottlenose dolphins that were directly impacted by the catastrophic winds and storm surge generated by Hurricane Dorian. The development of a Sea of Abaco Dolphin Recovery Plan, representing the first of its kind for a marine mammal population in The Bahamas, will include, up-to-date findings of the dolphin population status and project future trends given various conservation directives. Impacts of climate change and other human activities, on bottlenose dolphins (and other marine life) in the Sea of Abaco will also be addressed. The project will survey the dolphins and other marine life, which will be critical in providing sufficient photo-identification data to estimate apparent mortality and recruitment; and assess the population status of these dolphins in the Abaco waters post-Dorian.
Forestry Unit - Ministry of Environment (FU)	Strengthening of Forests Through Groundwater Restoration (SOFTGR)	12mths	18-Aug-21	18-Aug-22	\$ 98,900.00	This project will investigate the extent of forest and groundwater damage that has occurred at Wellfield 6. Its goals are to develop strategies for regenerating the forest such as direct seeding and seedling planting; and restoring groundwater that has been impacted due to Hurricane Dorian through groundwater modeling of water quantity and quality to enhance the ability of the island to have a self-sustaining, flood resilient drinking water supply. The project team will utilize forest survey methods, hydrogeologic data collection, and GIS mapping to characterize current conditions, compare to historic conditions, and develop future strategies for addressing the damage.
University of The Bahamas (UB)	Solarizing the UB-North (Grand Bahamas), Marine and Environments Science Field Station, formerly the UB-North Main (Easter) Campus	6mths	15-Sep-21	15-Mar-22	\$ 100,000.00	This project will electrify the UB North (Grand Bahamas) field station with solar power to promote research and instruction in the fields of sustainable development, sustainable energy, marine science, environmental science, atmospheric science/meteorology, conservation, and climate change. Additionally, its goals are to promote research and instruction in hurricane science, emergency planning and disaster response and management; to promote science education; to provide a living and learning environment for UB students; and to promote international collaboration and joint research among faculty, students and researchers. Much of Grand Bahama is now considered to be part of a broader Protected Area zone as a result of Hurricane Dorian. A functional research field station will directly facilitate the execution of forest restoration, aquifer recharge and coastal regeneration efforts on Grand Bahama. It is also a vital resource for long term surveillance efforts. The UB North field station is expected to serve as an effective example of how renewable energy can impact to improve the cost-effectiveness of the facility. As such, it will provide training and research opportunities in the utilization of sustainable energy sources.
Disaster Reconstruction Authority (DRA)	Hurricane Dorian Small and Medium Marine Debris Removal on Man-O-War Abaco	12mths	19-Aug-21	31-Aug-22	\$ 100,000.00	This project undertakes the removal of 240 cubic yards (2 x 30 cubic yard bins per week) of small and medium sized marine debris from the marine environment caused as a result of Hurricane Dorian.
Bahamas National Trust (BNT)	Restoring and Building Climate Resilience at Rand Nature Centre (RNC)	13mths	23-Aug-21	23-Sep-22	\$ 99,992.00	This project will serve to restore and strengthen terrestrial ecosystems within national park boundaries, thereby building resilience of critical habitat needed to sustain important migratory, native and endemic biodiversity. The plant nursery and arboretum will both serve as key resource areas for repopulating destroyed or damaged sites after storm or man-made disturbances. They will also be used as tools to promote education and awareness of the importance of native and endemic Bahamian plants, fostering a love and appreciation amongst Bahamians and visitors alike visiting the park. Invasive Alien Species (IAS) have been identified as a key threat to biodiversity globally and this project will allow BNT to better manage invasives within parks that if left unchecked can be detrimental to native and endemic biodiversity.
Waterkeepers Bahamas (WKB)	Mangroves Harvesting and Replanting Project Dover's Sound, Grand Bahama	14mts	15-Oct-21	15-Dec-22	\$ 100,000.00	This project aims to restore mangrove forests in high-risk flood zones, increase island resiliency against increasingly severe weather systems, compensate for carbon emissions through mangrove carbon capture, train local workforce in mangrove restoration skills as well as educate the local population about the importance of mangrove forests and community requirements for protecting and maintaining critical mangrove infrastructures.