

Environmental sustainability dominica

On September 23, 2017, when Prime Minister Roosevelt Skerrit stood before the UN General Assembly, he declared that The Commonwealth of Dominica would become the world's first climate resilient nation. Now, in 2023, Dominica has capabilities they've never had before including functioning hydromet and seismic networks, essential geospatial data, and a platform on which to share that and other data. Capabilities like these and others are a game changer and will serve as a springboard to using hazard data for risk-based decision making in development plans.

Dominica was already on the trajectory of climate resilience before this declaration was made. In September 2014, the Government of the Commonwealth of Dominica embarked upon the Disaster Vulnerability Reduction Project (DVRP) funded by the World Bank's International Development Association (IDA), the Climate Investment Fund's (CIF) Pilot Program for Climate Resilience (PPCR) Strategic Climate Fund (SCF); and the government.

The DVRP also funded critical geospatial data collection, including aerial mapping using LiDAR for topography and bathymetry, high-resolution cameras for red/green/blue (RGB) and infrared imagery, and a national soil survey. These investments have greatly improved the ability to accurately assess the exposure of population and infrastructure to hazards. This data will be housed within another DVRP investment Dominode, the country's Geographic Information System (GIS) repository. Outputs have, for example, been used to create detailed hydraulic models for the design of bridges.



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