



G&F-004-New USA Funding Request

How do we save coral reefs?

Vic Ferguson

*The World Federation for Coral Reef Conservation 281.971.7703 P.O. Box 311117 Houston Texas 77231
11.19.13*

New USA Funding Request

Our Coral Reef Conservation Programs:

Provide 1st response plans, action plans, case histories, Coastal Protection Master Plans, and critical Public Service Announcements for man made threats to sensitive eco systems and coral reefs, and a digital library based on location, all of which is view able on any hand held device as our registered user of our programs.

As we are a 501 (c) (3) nonprofit corporation all of our strategic information is available to local stake holders in undeserved countries around the world where our projects are located. Our current projects are in St. Maarten, Oahu, Indonesia, and Tanzania.

As believers in science based evidence we all have a responsibility to share what we know with the rest of the world. It is our belief that if we put the right information in the hands of the right people at the right time we will deliver a real impact in years not live times

Our service-oriented spatial data infrastructure brings together current data, observations, data management, GIS/GPS current technology, UAV (unmanned aerial vehicle) and cutting edge internet communication to provide the "real time" data necessary to make informed timely decisions regarding coral reef health and other coastal aquatic related issues.

Shared information will enable the forecasting of potential trends, evaluate different policy or development options, and facilitate improved coastal management and development within a region.

Involvement by local governments will create a data model for any new construction projects, and will allow the search of the WFCRC geo-database to evaluate any conflict or damage to local reefs prior to construction.

The coastal communities and national economies of many regions in the world and are poised to sustain substantial economic losses if current trends in coral reef degradation continues. Coral reefs provide valuable goods and services to support local and national economies, and degradation of coral reefs can lead to significant economic losses, particularly in the coastal areas of developing countries. Such losses are but not limited to, loss of fishing livelihoods, malnutrition due to lack of protein, loss of tourism revenues, and increased coastal erosion. Analyses carried out by the Reefs at Risk project indicate that Caribbean coral reefs provide goods and services with an annual net economic value in 2000 estimated at between US \$3.1 billion and US \$4.6 billion from fisheries, dive tourism, and shoreline protection services.

Our success depends on having contact with local stakeholders to share our website and GIS Dashboard and making this information free of charge to our end users. As we are a nonprofit organization and we seek sponsorship and funding for our programs and operations.



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