

Río Loco/Guánica Watershed



Río Loco Watershed Conservation Objective

Improve and protect coral reefs ecosystems from non-point sources of pollution from agriculture.

Benefits

- Reduce contaminant loads to the bay.
- Reduce soil erosion and sediment deposition.
- Improve filtering capacity of riparian areas.

Resource Concerns

- Soil erosion.
- Water Quantity and Quality.
- Domestic Animals.
- Plant Condition.
- Fish and Wildlife (habitat fragmentation).
- Flooding.



Sesuvium portulacastrum (sea purslane) for conservation buffers

Río Loco Watershed is located in the southern coast of Puerto Rico. This project was identified by USDA as part of the US Coral Reef Task Force effort for coral reef conservation. Some of the characteristics of this watershed are:

- Temperatures from 69° to 72° F
- Rainfall <20 to over 100 inches/yr.
- Steepland to flatland (Including salt flats)
- Total land: approximately 52,000 acres
- Cropland: coffee, citrus, banana, plantains, vegetables
- Grasslands mainly for beef cattle
- Humid and Dry Subtropical Forest
- Presence of coral reefs
- Scenic views to the Caribbean Sea
- Historical sites
- Threatened and Endangered Species

Conservation Partners

- NOAA
- Center for Watershed Protection
- PR Dept. Natural and Environmental Resources
- PR Department of Agriculture
- PR Land Authority



Consumo soil series



Humatas soil series



San Antón soil series



Coral Reef Initiative