



Guánica Bay Watershed Management Plan



#1 Restoration of Historic Guanica Lagoon



#2 Constructed wetlands treatment system for existing Guanica STP



#3 Infrastructure removal and river channel stabilization



#4 Stabilization of cleared soils for high mountain coffee agriculture

Points that accentuate the need for collaboration/coordination

Guanica Lagoon

- Historically an agricultural area – few remnant farms (NRCS/USDA Coord)
- Army Corp study on possible relocation of the Rio Loco channel
- USGS Hydrologic Study
- Historically important migratory stopover (USFWS)

Sewage Treatment Finishing Wetlands

- EPA mandates to improve treatment processes and connect rural areas

River channel restoration

- Potential funding source through EQUIP as farmers are losing their land (NRCS/USDA)

High Mountain Agricultural Areas - Sediment transport

- Coordination on potential cover crop subsidy or additional research
- Existing incentive for shade grown coffee
- USGS study of reservoirs filling with transported sediments