

# **MUNICIPAL WATERSHED MANAGEMENT INITIATIVE: THE POTENTIAL USE OF SUB-WATERSHEDS FOR LOCAL PLANNING AND LAND USE MANAGEMENT**

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This is an exploratory analysis using GIS tools to support the idea that the sub-watershed (HU-12) as delineated by the Natural Resources Conservation Service (NRCS) can be used as potential management units by municipalities or local communities in support for local initiatives that could range from flood control to water quality, to disaster recovery and even economic development. In this presentation I show the process used to perform the analysis, describe the results, and present a series of suggested test cases and examples across the island where the results of this analysis could be applied.