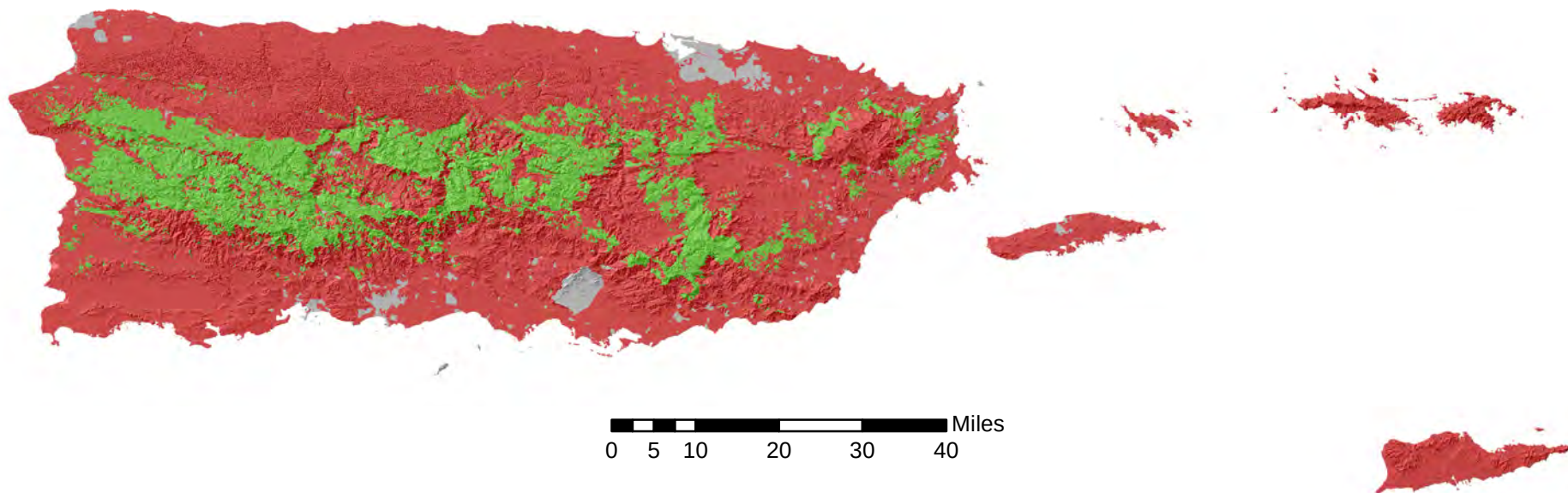


Soil Suitability for the Construction of Individual Terraces (CPJS-751) USDA-NRCS Caribbean Area



This map represents the soil suitability for the construction of individual terraces based on USDA-NRCS Caribbean Area conservation practice job sheet-751.

Use individual terraces on steep slopes (> 15%) with fine texture soils and moderate to strong structure. The soil should be at least 20 inches deep to allow for proper construction. Avoid soils with silty to sandy texture in order to prevent excessive erosion and stability problems. The maximum slope for construction of individual terraces should not be steeper than $\frac{3}{4}$ to 1 (133% or 53°). The diameter of the terraces can vary from 2 – 5 feet depending on the slope. The steeper the slope, the smaller the diameter. Each terrace is used for 1 or 2 long lived plants such as a coffee tree. The spacing of the terraces depends on the mature size of the plant. For larger plants, terraces should be spaced further apart.

Note: An on-site field assessment is recommended to confirm soil and landscape suitability for the construction of the practice. Caribbean area Soil Survey information was developed at a scale of 1:20,000. Minimum polygon size is between 4-5 acres. Other not suitable or suitable soil components/inclusions may exist within a map unit.

Any questions in reference to the classification please contact Manuel Matos Rodriguez, State Soil Scientist, USDA-NRCS Caribbean Area, tel: 787-766-5064, or by email manuel.matos@usda.gov

Legend

Soil Suitability

-  Not Applicable
-  Not Suitable
-  Suitable

