**Glossary of terms for Puerto Rico Health & Air Quality Data**

**Aedes aegypti *-*** a domestic mosquito that lives and breeds near or within human-occupied structures [CDC, 2014a]. Thus, the majority of these mosquitoes exist in developed urban regions with large populations [Barrera et al., 2011].

**Dengue Branch of the Center of Disease Control (CDC)-** located in San Juan, Puerto Rico, is dedicated to dengue research and health outreach. The agency advocates public health practices, and disseminates educational information on how to reduce the risk of household spread of dengue. They also conduct diagnostic testing, molecular research, and field investigations regarding dengue contraction and control.

**Confirmed Dengue Fever Cases (CDFC) -** The CDC Dengue Branch tracks and monitors reported dengue cases and confirms these cases through laboratory testing.

**Puerto Rico-** The island is an unincorporated United States territory located in the Caribbean Sea with general coordinates of 18°15'N latitude and 66°30'W longitude (Figure 1, App. A). Puerto Rico is a small, densely-populated island with a total area of 9,104 km2 and a population of over 3.5 million.

**Hydrologic Unit Code (HUC) -** Boundary layers that delineate watersheds and other hydrological based land features. The higher number designated to a HUC, the more narrowly refinements are established in a feature.

**Climate Hazard Group InfraRed Precipitation with Stations (CHIRPS) -** CHIRPS is a precipitation product from a combination of satellite and in situ station data; it monitors drought and other environmental issues.

**Geostationary Operational Environmental Satellite system Puerto Rico Water Energy Balance (GOES-PRWEB) -** provides several island-scale estimated and modeled environmental datasets for Puerto Rico (<https://pragwater.com/>)

**World Pop-** The WorldPop project was initiated in 2013 to unite the continent-focused AfriPop, AsiaPop and AmeriPop projects, with an aim of producing detailed and freely-available population distribution and composition maps for the whole of Central and South America, Africa and Asia [Worldpop, 2015] (<http://www.worldpop.org.uk/data/>)

**Earth Trends Modeler (ETM) -** TerrSet also contains the ETM module which enables the user to examine environmental variability based on user-defined time periods and time steps.