Meta data for Dorsey – Raw Data

**Year** – calendar year of the observation (2015–2020).

**ManUnit** – Management Unit where data were collected (Smith Point County Park, East Wilderness, West Wilderness, Robert Moses State Park) in Long Island, New York.

**PointNum** – Unique record indentifier for both nests and random points. Nest codes are 4-digit year, 3-digit subsite code, 3-digit field nest number. Random Point codes are 4-digit year, 3-digit point number.

**Latitude** – in decimal degrees.

**Longitude** – in decimal degrees.

**PointType** – Indicator for nest vs. random point. 1 = Nest, 0 = Random Point

**CA\_Vis\_pct** –Percent of sq. meters where 0.8ft tall predator (i.e., cat) and taller would be visible out of total area of 30m radius buffer.

**FO\_Vis\_pct** – Percent of sq. meters where 1.6ft tall predator (i.e., fox) would be visible out of total area of 30m radius buffer; using logarithmic veg prediction

**VegPct\_100** – percent vegetation cover within a 30m buffer area.

**CA\_Veg\_Obst\_Pct** – Percent of visual obstruction caused by vegetation within the 30-m nest buffer at piping plover (*Charadrius melodus*) nests on Fire Island, NY in 2015–2020. 0.8 ft predator model.

**CA\_Top\_Obst\_Pct** – Percent of visual obstruction caused by topography within the 30-m nest buffer at piping plover (*Charadrius melodus*) nests on Fire Island, NY in 2015–2020. 0.8 ft predator model.

**FO\_Veg\_Obst\_Pct** – Percent of visual obstruction caused by vegetation within the 30-m nest buffer at piping plover (*Charadrius melodus*) nests on Fire Island, NY in 2015–2020. 1.6 ft predator model.

**FO\_Top\_Obst\_Pct** – Percent of visual obstruction caused by topography within the 30-m nest buffer at piping plover (*Charadrius melodus*) nests on Fire Island, NY in 2015–2020. 1.6 ft predator model.