# Identification information

* **Originator**: Connecticut Institute for Resilience and Climate Adaptation (Circa)
* **Title**: Exposure: Physical Impact
* **Geospatial Data Presentation Form**: Raster and vector digital data
* **Link**: Circa Main Server *D:\Arcmap*
* **Abstract**: This data table is the geometric mean computed using the following input layers: tide, wave power, slope, hydrology, elevation, storm surge, wind speed at 10(m), sea level rise, impervious surface.
* **Spatial Domain**:

north bounding: 4697924.651800 (m)

south bounding: 4623524.749677 (m)

east bounding: 1770933.490928 (m)

west bounding: 1615533.539872 (m)

* **Place:**

United States

Connecticut Coastal Cities

# Entity and attribute information

## Layers

**Data Type**: Shapefile Feature Class

**Shapefile:** D:\Arcmap\ct\_Index\grid\_100\_square200\Final\_Indicators\new\output\geometricmeanPhysicalImpact.shp

**Geometry Type**: Polygon

**Fields:**

*FID*: Unique identifier of an object within the table

*Shape*: Feature geometry

*Id*: zero

*BUFF\_DIST*: the distance used to buffer each feature in the linear unit of the input features coordinate system

*ORIG\_FID*: field that contains the feature ID of the input feature for which the buffer was created

*cogs*: Council of Government that refers to the center of each feature

*city*: city that refers to the center of each feature

*Lon1*: longitude coordinate of the center of each feature decimal degree

*Lat1*: latitude coordinate of the center of each feature, decimal degree

*x*: coordinate of the center of each feature in horizontal domain, meters

*y*: coordinate of the center of each feature in vertical domain, meters

*geomean: geometric mean computed for each feature*

*Hydrology:* rank of coastal vulnerability given by Hydrology

*MHHWin\_NAVD88:* rank of coastal vulnerability given by Tide

*elevation:* rank of coastal vulnerability given by Elevation

*inundation:* rank of coastal vulnerability given by Storm Surge

*slope:* rank of coastal vulnerability given by Slope

*wind:* rank of coastal vulnerability given by wind speed

*slr:* rank of coastal vulnerability given by Sea Level Rise

*vawe:* rank of coastal vulnerability given by Wave Power

*impervious:* rank of coastal vulnerability given by impervious surface

# Metadata Reference Information

* **Author**: Caterina Massidda
* **Data:** 10/11/2019