# Identification information

* **Originator**: Connecticut Institute for Resilience and Climate Adaptation (Circa)
* **Title**: Exposure: Critical Facilities and Infrastructure
* **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: Amtrak Stations, Building, Critical Infrastructure, Coastal Structure, Pipeline and Submerged Cables, Streets, Proximity to I95 and Sea Level Rise.
* **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\geometricmeanCriticalInfra.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*

*Amtrack: rank of coastal vulnerability given by Amtrak Stations*

*Bulding\_CI\_CS: rank of coastal vulnerability given by Building, Critical Infrastructure and Coastal Structure*

*cable: rank of coastal vulnerability given by Pipeline and Submerged Cables*

*street: rank of coastal vulnerability given by Streets*

*exit\_I95: rank of coastal vulnerability given by Proximity to I95*

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

# Metadata Reference Information

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