# Identification information

* **Originator**: Connecticut Institute for Resilience and Climate Adaptation (Circa)
* **Title**: Connecticut coastal vulnerability map: Critical Infrastructure.
* **Geospatial Data Presentation Form**: Raster and vector digital data
* **Link**: Circa Main Server *D:\Arcmap*
* **Abstract**: This data table defines the Connecticut coastal vulnerability of critical infrastructure. Those have been divided in two different categories: rank of 4 (*private school, UPS, childcare, public school*) and rank of 5 (*Airport, Amtrak, police, fire station, hospital).* If the feature does not have critical infrastructure, rank is zero and *num\_struc* is *0*.

|  |  |
| --- | --- |
| Rank | Critical Infrastructure |
| 0 | No data |
| 4 | private school |
| 4 | UPS |
| 4 | childcare |
| 4 | public school |
| 5 | airport |
| 5 | amtrak |
| 5 | police |
| 5 | hospital |
| 5 | fire station |

* **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\ne\criticalinfrastructurenNew.shp

**Geometry Type**: Polygon

**Field:**

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

*Shape*: Feature geometry*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

*privatescho: number of private school within each feature*

*UPS: number of UPS within each feature*

*childcare: number of childcare within each feature*

*publicschoo: number of public school within each feature*

*Airport: number of airport within each feature*

*Amtrak: number of Amtrak station within each feature*

*ww: number of Waste Water Treatment Plants within each feature*

*police: number of police station within each feature*

*fire\_statii: number of fire station within each feature*

*hospital: number of hospital within each feature*

*num\_struc: number of critical infrastructure within each feature*

*rank: rank of coastal vulnerability given by Critical Infrastructure*

**Key words:** Critical Infrastructure, Connecticut, CIRCA, coastal vulnerability

# Metadata Reference Information

* **Author**: Caterina Massidda
* **Data:** 4/5/2019