# Identification information

* **Originator**: Connecticut Institute for Resilience and Climate Adaptation (Circa)
* **Title**: Connecticut coastal vulnerability map: Storm Surge.
* **Geospatial Data Presentation Form**: Raster and vector digital data
* **Link**: Circa Main Server *D:\Arcma**p*
* **Abstract**: This data table defines the coastal vulnerability given by Storm Surge. Streets elevation for each features is described in the field *GRIDECODE*. It has been divided different categories, ranking from 1 (less vulnerable) to 5 (most vulnerable). If the feature is not subject to inundation the rank is zero as well as *GRIDECODE*. Excel file of ranking: D:\Arcmap\ct\_Index\grid\_100\_square200\storm\rank\_inundation.xlsx

|  |  |  |  |
| --- | --- | --- | --- |
| **Rank** | **Min feet above ground** | | **Max feet above ground** |
| 0 | 0 | 0 | |
| 1 | 0.1 | 4 | |
| 2 | 5 | 8 | |
| 3 | 9 | 12 | |
| 4 | 13 | 16 | |
| 5 | 17 | 100 | |

* **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\inundationNEW.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

*r*ank: rank of coastal vulnerability given by Storm Surge

*GRIGCODE: feet above ground after a storm of category in each feature*

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

**Key words:**

Storm surge, inundation, Connecticut, CIRCA, coastal vulnerability

# Metadata Reference Information

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