# Identification information

* **Originator**: Connecticut Institute for Resilience and Climate Adaptation (Circa)
* **Title**: Connecticut coastal vulnerability map: Tidal range 2014-2015
* **Geospatial Data Presentation Form**: Raster and vector digital data
* **Link**: Circa Main Server *D:\Arcmap*
* **Abstract:**This data table defines the coastal vulnerability given by Tidal range. Tidal range for each features is described in the field *tide*. It has been divided in different categories, ranking from 1 (less vulnerable) to 5 (most vulnerable). If the feature is not affected by tides rank is zero and *tide* is -9999.

|  |  |  |
| --- | --- | --- |
| **Rank** | **Min Tidal range** | **Max Tidal range** |
| 1 | 0.0001 | 1 |
| 2 | 1.437075 | 1.792822 |
| 3 | 1.792823 | 2.540275 |
| 4 | 2.540276 | 3.219259 |
| 5 | 3.219260 | 5 |
|  |  |  |

* **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\MHHWin\_NAVD88NEW.shp*

**Geometry Type:** Polygon

**Field:**

*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

*rank: rank of coastal vulnerability given by Tidal Range*

*tide: tidal range within each feature*

**Key words:** Tide, tidal range, Connecticut, CIRCA, coastal vulnerability

# Metadata Reference Information

* **Author**: Caterina Massidda
* **Data**: 3/20/2019