# Identification information

* **Originator**: Connecticut Institute for Resilience and Climate Adaptation (Circa)
* **Title**: Connecticut coastal vulnerability map: Coastal Structure.
* **Geospatial Data Presentation Form**: Raster and vector digital data
* **Link**: Circa Main Server *D:\Arcmap*
* **Abstract**: This data table defines the Connecticut coastal vulnerability given by coastal structure (CS). The biggest CS (area) in the features is described in the field *ATRIBUTE* and *SUBCLASS.* It has been divided in different categories, ranking from1 (less vulnerable) to 4 (most vulnerable). If the feature does not have rank coastal structure, rank is zero and *ATRIBUTE* and *SUBCLASS* are *empty*.

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| --- | --- | --- |
| **Rank** | **ATRIBUTE** | **SUBCLASS** |
| 1 | Breakwater.Bare | Breakwater |
| 1 | Breakwater.Covers/Uncovers Or Submerged | Breakwater |
| 2 | Bridge.Fixed | Bridge |
| 3 | Bridge.Fixed.Ruins | Bridge |
| 2 | Bridge.Footbridge | Bridge |
| 2 | Bridge.Opening | Bridge |
| 2 | Culvert | Culvert |
| 3 | Dam | Dam |
| 3 | Fender | Other |
| 2 | Gate | Other |
| 3 | Groin.Bare | Groin |
| 3 | Groin.Covers/Uncovers Or Submerged | Groin |
| 2 | Jetty | Jetty |
| 2 | Jetty.Bare | Jetty |
| 4 | Marine Railway.Bare | Marine Railway |
| 4 | Marine Railway.Covers/Uncovers Or Submerged | Marine Railway |
| 2 | Pier.Fixed | Pier/Dock |
| 3 | Pier.Floating | Pier/Dock |
| 3 | Pier.Ruins | Pier/Dock |
| 2 | Pipe | Culvert |
| 1 | Sluice Gate | Gate |
| 1 | Tide Gate | Gate |
| 3 | Training Wall | Other |
| 1 | Wave Attenuator | Breakwater |
| 3 | Weir | Dam |
| 3 | Undetermined Alongshore Feature | Undetermined |
| 3 | Walkway | Other |
| 3 | empty | riprap |
| 2 | empty | sloped feature |
| 2 | empty | vertical feature |

* **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\coastalstructureNew.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

*rank: rank of coastal vulnerability given by coastal structure*

*ATTRIBUTE: type of coastal structure within each feature*

*SUBCLASS: subtype of coastal structure within each feature*

**Key words:** Coastal Structure, Connecticut, CIRCA, coastal vulnerability

# Metadata Reference Information

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