# Identification information

* **Originator**: Connecticut Institute for Resilience and Climate Adaptation (Circa)
* **Title**: Connecticut coastal vulnerability map: Long Island Sound Submerged Cable and Pipeline Areas
* **Geospatial Data Presentation Form**: Raster and vector digital data
* **Link**: Circa Main Server *D:\Arcmap*
* **Abstract**: This data table defines the Connecticut coastal vulnerability based on the presence of Submerged Cable and Pipeline Areas. It has been divided in two different categories, presence (rank 5) or absence (rank 0) of cable/submerged pipelines. Excel file of ranking: D:\Arcmap\ct\_Index\grid\_100\_square200\cable\_submerged\rank\_cable.xlsx

|  |  |
| --- | --- |
| Rank | Cable and pipeline areas |
| 0 | No data |
| 5 | Presence of cable and/or pipeline |

* **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\cableNew.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 Pipeline and Submerged Cables*

*name: presence of pipeline or submerged cable within each feature*

**Key words:** Pipeline and Submerged Cables, Connecticut, CIRCA, coastal vulnerability

# Metadata Reference Information

* **Author**: Caterina Massidda
* **Data:** 8/13/2019