# Identification information

* **Originator**: Connecticut Institute for Resilience and Climate Adaptation (Circa)
* **Title**: Connecticut coastal vulnerability map: Erosion Susceptibility.
* **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 Erosion Susceptibility. It has been divided in different categories, ranking from one (less vulnerable) to five (most vulnerable).

This data table defines the Connecticut coastal vulnerability given by Erosion Susceptibility.

Type erosion in each feature are in fields *EROSION\_CA and DESCRIPT.* It has been divided in different categories, ranking from 1(less vulnerable) to 5 (most vulnerable). If the feature does not have information the rank is zero and *EROSION\_CA and DESCRIPT* are *empty*.

|  |  |  |
| --- | --- | --- |
| Rank | Category | Definition |
| 0 | No data | No data |
| 1 | 1 | most susceptible to erosion |
| 2 | 2 | highly susceptible to erosion |
| 3 | 3 | surficial materials susceptible to erosion |
| 4 | 4 | soils susceptible to erosion |

* **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\EROSION\_SUSCEPTIBILITYNEW.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 aquifer potential*

*EROSION\_CA: erosion category within each feature*

*DESCRIPT: description of type of erosion within each feature*

**Key words:** Erosion Susceptibility, Connecticut, CIRCA, coastal vulnerability

# Metadata Reference Information

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