# Identification information

* **Originator**: Connecticut Institute for Resilience and Climate Adaptation (Circa)
* **Title**: Connecticut coastal vulnerability map; Soil flooding class
* **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 soil flooding class. Frequency of Soil Flooding is described in the field *name.* It has been divided in different categories, ranking from1 (less vulnerable) to 5 (most vulnerable). If the feature is not subject to flooding the rank is zero and *name* is *Not rated*. Excel file of ranking: Excel file of ranking: D:\Arcmap\ct\_Index\grid\_100\_square200\soil\soilflooding\_rank.xlsx

|  |  |  |
| --- | --- | --- |
| **Rank** | **Frequency of flooding** | |
| 0 | | Not Rated |  |
| 1 | | Rare |
| 4 | | Frequent |  |
| 5 | | Very frequent |

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* **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\soil\_floodingNEW.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

*rank*: rank of coastal vulnerability given by Soil Flooding

*name: frequency of flooding within 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:**

Soil flooding, Connecticut, CIRCA, coastal vulnerability

# Metadata Reference Information

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