# Identification information

* **Originator**: Connecticut Institute for Resilience and Climate Adaptation (Circa)
* **Title**: Connecticut coastal vulnerability map: Slope
* **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 slope. Slope is described in the field *degrees.* It has been divided in different categories, ranking from1 (less vulnerable) to 5 (most vulnerable). If the feature does not have information the rank is zero and *degrees* is *-9999*. Excel file of ranking:

D:\Arcmap\ct\_Index\grid\_100\_square200\Final\_Indicators\new\meatdata\slope\_rank.xlsx

|  |  |  |
| --- | --- | --- |
| Rank | Min Slope | Max Slope |
| 5 | 0.00001 | 5 |
| 4 | 5.00001 | 10 |
| 3 | 10.00001 | 15 |
| 2 | 15.00001 | 20 |
| 1 | 20.00001 | 10000 |
| 0 | 0 | 0 |

* **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\slopeNEW.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 slope

*degree: slope mean value within each feature*

**Key words:**

Slope, Connecticut, CIRCA, coastal vulnerability

# Metadata Reference Information

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