

Documentation of Dataset

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1 Title: Global Warming Indicator Data-set

2 Data-set Naming:

Global warming indicator data-set contains the vital indicators of global warming. The data-set consists of 3 features and another indicator of global warming Sea Level will be predicted based on the features.

3 Sources:

1. Global Concentration of Carbon Data [2]
2. Global Temperature Data [3]
3. Global Land-Ocean Temperature Anomaly Data [1]
4. Global Adjusted Sea Level Data [4]

4 Number of Instances:

134 instances from year 1880 to 2012.

5 Number of Attributes:

4 numeric, continuous attributes amongst Concentration of Carbon, Temperature, Land and Ocean Temperature Anomaly are considered feature and the target is Sea level.

6 Attribute Information:

There are 4 attributes in each case of the data-set. They are:

1. Concentration of Carbon in parts per million by volume
2. Temperature in degrees fahrenheit
3. Land-Ocean Temperature Anomaly in degrees celcius
4. Adjusted Sea Level in inches

7 Missing Attribute Values:

No attribute value is missing.

References

- [1] FOR ENVIRONMENTAL INFORMATION (NCEI)., N. N. C. Climate at a glance.
- [2] INSTITUTE, E. P. Average global atmospheric carbon dioxide concentration, 1880-2012.
- [3] INSTITUTE, E. P. Average global temperature, 1880-2012.
- [4] OCEANIC, N., AND ADMINISTRATOR, A. Global average absolute sea level change, 1880-2015.