

Bangladesh, China, India and Myanmar's historical cold wave datasets of 1981 - 2018**Data Documentation****I. Dataset/atlas content features****i. Abstract**

This dataset is acquired from Google news, Wikipedia, the Emergency Events Database and reference documentation by data crawl, collecting and arranging, which describes some cold wave information about time, disaster type, country, location, extreme temperature, et al. And the dataset counts the cold wave event occurred in Bangladesh, China, India and Myanmar from 1981AD to 2018AD, which includes 67 data in total. This dataset can help user to know the temporal and spatial distribution of cold wave occurrence, and provide strong support for some cold wave prevention and mitigation and related scientific research.

ii. Elements (content fields)

Table 1 Description of data element content

Data name	Item (field)	Field name in Chinese	Field measure unit	Field code description	Remarks
Bangladesh, China, India and Myanmar's historical cold wave datasets	Start date/ End date / Disaster type / Country / Location / Extreme temperature/ Total deaths /Total affected / Total damage / Insured losses	开始日期/结束日期/灾害类型/发生国家/发生地点/极端温度值/死亡总人数/受影响总人数 / 总体破坏 / 保险损失	Extreme temperature: °C; Total damage: \$ Insured losses: \$		

iii. Temporal cover

The temporal cover is from 1981 AD to 2018 AD

iv. Spatial cover

The spatial cover is Bangladesh, China, India and Myanmar.

II. Subject/industry scope of dataset/atlas**i. Subject scope**

Earth science

ii. Industry scope

Cold wave service

iii. Other classifications (optional)

(Other categories can be applied, but should reflect the dataset/atlas characteristics.)

III. Accuracy of dataset/atlas**i. Time frequency**

The cold wave events of AD 1981-2018 are yearly recorded, which cover Bangladesh, China, India and Myanmar.

ii. Spatial reference, accuracy, and granularity

IV. Dataset/atlas storage management

i. Data quantity

The data quantity is 13.4KB.

ii. Type format

The dataset is stored as a hard disk, and the data structure type is a table excel file.

iii. Update management

Updated from time to time.

V. Quality control of the dataset/atlas

i. Production mode

The dataset is obtained from Google news, Wikipedia, the Emergency Events Database and reference documentation.

ii. Data sources (condition selection)

The data sources form Google news, Wikipedia, the Emergency Events Database and reference documentation.

iii. Methods of the data acquisition and processing (condition selection)

The cold wave disaster information of Bangladesh, China, India and Myanmar of 1981 - 2018 are obtained from Google news, Wikipedia, the Emergency Events Database and reference documentation based on the data crawling method, collecting and arranging, which covers Bangladesh, China, India and Myanmar.

VI. Sharing and usage method of the dataset/atlas

i. Sharing methods and restrictions

Fully shared

ii. Contact information of the sharing service (condition selection)

The service is as follows:

Name: Yang Fei

Mailing address: A11 Datun Road, Chaoyang District, Beijing

Zip code: 100101

E-mail: yangfei@lreis.ac.cn

iii. Conditions and methods of usage

Microsoft office

VII. Intellectual property rights of the dataset/atlas

i. Property rights (optional)

ii. Reference method of the dataset/atlas

Bangladesh, China, India and Myanmar's historical cold wave datasets of 1981AD - 2018AD. Disaster Risk Reduction Knowledge Service of International Knowledge Centre for Engineering Sciences and Technology (IKCEST) under the Auspices of UNESCO, 2018.12.1.

iii. Usage contacts of the datasets/atlas

Contact person

Name: Yang Fei

Mailing address: A11 Datun Road, Chaoyang District, Beijing

Zip code: 100101

E-mail: yangfei@lreis.ac.cn

VIII. Others (optional)

In addition to the above, other information must also be explained.

Data documentation author information			
Data documentation author	Wang Yihe	Update time	2018.12.3
Organization	Institute of geographic sciences and natural resources research, CAS.		
Contact information	E-mail		
Address	A11 Datun Road, Chaoyang District, Beijing	Postcode	100101
Telephone		E-mail	2287890194@qq.com