

Earthquake disaster dataset (2010)**Data Documentation****I. Dataset/atlas content features****i. Abstract**

The data set is obtained from Baidu search and reference documents by means of data capture, collection and sorting, and describes some earthquake information about time, type of disaster, country, location, number of casualties, and so on. The dataset collects information on earthquake disasters in some countries in the Belt and Road in 2010. This data set can help users understand the time and spatial distribution of earthquakes and provide strong support for some scientific research related to earthquake disaster prevention.

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 |
|-----------------------------|--|--|--|------------------------|---------|
| Earthquake disaster dataset | year/lat/lon/ disaster subtype/ country_name/ occurrence/ Focal depth/ Grade/ Total deaths/ Injured/ Affected/ Homeless/ Total affected/ Total damage ('000 US\$) | 发生年份/纬度/ 经度/灾害子类型/ /发生地点/次数/ 震源深度/等级/ 死亡总人数/受伤人数/受影响人数/ /无家可归人数/ 受影响总人数/总体损失 | Focal depth : KM; Total damage : \$\$ | | |

iii. Temporal cover

Time range of this data set: 2010

iv. Spatial cover

This dataset space covers some countries in the Belt and Road.

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

Earth science

ii. Industry scope

Earthquake disaster

iii. Other classifications (optional)

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

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

This data set records the 2010 earthquake events.

ii. Spatial reference, accuracy, and granularity

IV. Dataset/atlas storage management

i. Data quantity

The data quantity is 10.4KB.

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

This data set is obtained from Baidu search and reference.

ii. Data sources (condition selection)

This data set is obtained from Baidu search and reference.

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

Using data crawling, collecting, sorting, etc., obtained the 2010 earthquake information from Baidu and reference documents.

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: Chaoyang District, Beijing Datun Road on the 11th

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)

“Earthquake disaster dataset” owned by institute of geographic sciences and natural resources research, CAS.

ii. Reference method of the dataset/atlas

Earthquake disaster dataset(2010). Disaster Risk Reduction Knowledge Service of International Knowledge Centre for Engineering Sciences and Technology (IKCEST) under the Auspices of UNESCO,2019.5.23. <http://dr.ikcest.org/info/96b39>

iii. Usage contacts of the datasets/atlas

Contact person

Name: Yang fei

Mailing address: Chaoyang District, Beijing Datun Road on the 11th

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 | Yang fei | Update time | 2019.5.23 |
| Organization | Institute of geographic sciences and natural resources research, CAS. | | |
| Contact information | E-mail | | |
| Address | Chaoyang District, Beijing Datun Road on the 11th | Postcode | 100101 |
| Telephone | | E-mail | yangfei@lreis.ac.cn |