

Historical earthquake data for China**Data Documentation****I. Dataset/atlas content features****i. Abstract**

This dataset is acquired from China Earthquake Networks Center by data crawl, which describes some earthquake information about time, latitude, longitude, depth, magnitude, et al. And the dataset counts the earthquake event occurred in China from 780 BC to 2015 AD, which includes 15398 data in total. This dataset can help user to know the temporal and spatial distribution of earthquake occurrence, and provide strong support for some earthquake 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
Historical earthquake data for China	date /beijing time /international time /latitude /longitude /depth /magnitude /intensity /accuracy /Ms /Ms7 /ML /mb /Mb /reference location	日期/北京时间/国际时间/纬度/经度/深度/震级/烈度/精确度 /Ms/Ms7/ML/mb/Mb/参考地点	Depth: km		

iii. Temporal cover

The temporal cover is from 780 BC to 2015 AD.

iv. Spatial cover

The spatial cover is the whole China.

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

Earth science

ii. Industry scope

Earthquake service

iii. Other classifications (optional)**III. Accuracy of dataset/atlas**

i. Time frequency

The time frequency is yearly.

ii. Spatial reference, accuracy, and granularity

IV. Dataset/atlas storage management

i. Data quantity

The data quantity is 2.52MB.

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 China earthquake networks center.

ii. Data sources (condition selection)

The data sources form China earthquake networks center.

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

The earthquake disaster information of China of 780 BC - 2015 AD are obtained from China earthquake networks center based on the data crawling method.

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

Use excel.

VII. Intellectual property rights of the dataset/atlas

i. Property rights (optional)

“Earthquake data for China over the years” owned by institute of geographic sciences and natural resources research, CAS.

ii. Reference method of the dataset/atlas

Historical earthquake data for China. Disaster Risk Reduction Knowledge Service of International Knowledge Centre for Engineering Sciences and Technology (IKCEST) under the Auspices of UNESCO, 2017.6.30. <http://drr.ikcest.org/info/982b7>.

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			
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