

**Earthquake data of 1990-2015 in Qinghai - Tibet Plateau****Data Documentation****I. Dataset/atlas content features****i. Abstract**

This dataset is acquired from China Earthquake Networks Center by data crawl, which specifically describes some earthquake information about time, latitude, longitude, depth, magnitude, the disaster scope, the degree of damage, death toll et al. And the dataset counts the earthquake event occurred in Qinghai-Tibet Plateau from 1990 to 2015, which includes 161 data in total. This dataset can help user to know the temporal and spatial distribution of earthquake occurrence, provide a base data for earthquake prevention research in the area, and enrich the disaster prevention and mitigation knowledge service system data content.

**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
1 灾害元数据标准青藏高原地震灾害数据	Year /month /day /hour /minute /second /epicenter latitude /epicenter longitude /province /city /township /magnitude /source depth /disaster /death /injury /house damage /direct economic loss	年/月/日/时 /分/秒/震中纬度/震中经度/省/市/县 /乡镇/震级/震源深度/成灾事件/死亡人数/受伤人数/居民房屋破坏面积/直接经济损失	震源深度: KM; 震级: 度; 房屋破坏面积: 平方米; 直接经济损失: 万元;		

**iii. Temporal cover**

The temporal cover is from 1990 to 2015 year.

**iv. Spatial cover**

The spatial cover is Qinghai and Tibet Province.

**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 28.7KB.

**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 Qinghai-Tibet area of 1990-2015 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 in Qinghai-Tibet plateau” owned by institute of geographic sciences and natural resources research, CAS.

**ii. Reference method of the dataset/atlas**

Earthquake data in Qinghai - Tibet Plateau. 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/9e4c8>.

**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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