

Southwest China's historical seismic datasets of 26AD - 2015AD**Data Documentation****I. Dataset/atlas content features****i. Abstract**

This dataset was acquired from China Earthquake Networks Center by data crawl, which described some earthquake information about time, latitude, longitude, depth, magnitude, et al. And the dataset counted the earthquake event occurred in Qinghai, Sichuan, Tibet and Yunnan from 26AD to 2015 AD, which included 8684 data in total. This dataset could help user to know the temporal and spatial distribution of earthquake occurrence, and provided 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
Southwest China's historical seismic datasets	Date/ international time /latitude /longitude /depth(km) /magnitude /intensity /accuracy /Ms /Ms7 /ML /mb /Mb /reference location	日期/国际时间/ 纬度/经度/震源 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 26AD to 2015AD.

iv. Spatial cover

The spatial cover is Qinghai, Sichuan, Tibet and Yunnan province.

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

Earth science

ii. Industry scope

Earthquake 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 earthquake events of 26AD -2015AD are yearly recorded, which cover Qinghai, Sichuan, Tibet and Yunnan province.

ii. Spatial reference, accuracy, and granularity

IV. Dataset/atlas storage management

i. Data quantity

The data quantity is 0.64MB.

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 26AD - 2015AD are obtained from China earthquake networks center based on the data crawling method, which covers Qinghai, Sichuan, Tibet and Yunnan province.

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)

“Southwest China's historical seismic datasets of 26AD - 2015AD” owned by institute of geographic

sciences and natural resources research, CAS.

ii. Reference method of the dataset/atlas

Southwest China's historical seismic datasets of 26AD - 2015AD. Disaster Risk Reduction Knowledge Service of International Knowledge Centre for Engineering Sciences and Technology (IKCEST) under the Auspices of UNESCO,2018.5.26.<http://drr.ikcest.org/info/9a94d>.

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	2018.05.26
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