

Response to Giulio G.R. Iovine of the manuscript
“China Active Faults Database (CAFD) and its Web System”

We are very grateful to Giulio G.R. Iovine for his constructive comments that greatly improved the manuscript. Below is a point-by-point reply (C: Giulio G.R. Iovine’s comment; AR: author reply)

C: check that the 3 links at the end of the manuscript refer to Chinese websites, without an English translation.

AR: We translated the websites of 3 links at the end of the manuscript to English and added figures and text as below. These websites are not available in English. Its users are Chinese.

FormalEq20090101T20230630 (Fig. 13):

<https://data.earthquake.cn/datashare/report.shtml?PAGEID=datasourcelist&dt=40280d0453e414e40153e44861dd0003>

Unified Earthquake Catalogue of China Earthquake Network

Download online

2016-11-08 Last updated

760,000 pieces of data

76,965 data visits

data sharing methods available for online download

Basic information about the data

Data Name: Unified Earthquake Catalogue of China Earthquake Network

Classification: Seismometric data (D11000)

Spatial Scope: nationwide

Time Frame: 2009-present

Data contact information

Contact: Mr. Li

Telephone: 8911325676

E-mail: datashare@seis.ac.cn

Unit: China Earthquake Network Center

Data summary

Since January 1, 2009, the Unified Earthquake Catalogue including the results of the national and regional seismic network catalogs has been updated weekly!

Instructions for data use

The reference refers to the following specifications: Chinese published results: The data are from the National Earthquake Science Data Center (<http://data.earthquake.cn>) of the China Earthquake Network Center. Data Sharing Infrastructure of National Earthquake Data Center (<http://data.earthquake.cn>). Acknowledgments can be made in accordance with the following guidelines: Chinese acknowledgment: "Thanks to the China Earthquake Network Center and the National Earthquake Science Data Center (<http://data.earthquake.cn>) for providing data support. Acknowledgement for the data support from " China Earthquake Networks Center, National Earthquake Data Center. (<http://data.earthquake.cn>)".

Detailed description of the data

Since January 1, 2009, the Unified Earthquake Catalogue including the results of the national and regional seismic network catalogs has been updated weekly!

Data source

In order to respect intellectual property rights and protect the rights and interests of data authors and data service providers, data users are requested to indicate the source and author of the data in the research results (including project evaluation reports, acceptance reports, and academic papers or graduation theses, etc.) generated based on this data, and mark the content to be cited in accordance with [Data Citation Method], and submit the publicly available results to the "China Earthquake Network Center National Earthquake Science Data Center (<http://data.earthquake.cn>)". Data source references refer to the following specifications: Chinese published results: data from China Earthquake Network Center National Earthquake Science Data Center (<http://data.earthquake.cn>); Published in English: Data Sharing Infrastructure of National Earthquake Data Center (<http://data.earthquake.cn>). Acknowledgments can be made in accordance with the following guidelines: Chinese acknowledgment: "Thanks to the China Earthquake Network Center and the National Earthquake Science Data Center (<http://data.earthquake.cn>) for providing data support. Acknowledgement for the data support from " China Earthquake Networks Center, National Earthquake Data Center. (<http://data.earthquake.cn>)".

Methods of data generation or processing

Data quality description

© Beijing ICP No. 05028819-8 All rights reserved: China Earthquake Network Center
Address: China Earthquake Network Center, No. 56, Sanlihe Road, Xicheng District, Beijing Zip code: 100045 E-mail: datashare@seis.ac.cn
Technical support: Beijing Kaixing Tongchuang Technology Co., Ltd

Figure 13: the translated English websites for FormalEq20090101T20210630.

CSNEq19700101T20081231 (Fig. 14):

<https://data.earthquake.cn/datashare/report.shtml?PAGEID=datasourcelist&dt=40280d0453e414e40153e44861dd0002>

National Seismic Network Earthquake Catalog On-site consultation

[Download online](#)

2016-04-17
Last updated

155,000 pieces
of data

2854
data visits

data sharing methods
available for online download

<p>Basic information about the data</p> <p>Data Name: National Seismic Network Earthquake Catalog</p> <p>Classification: Seismometric data (D11000)</p> <p>Spatial Scope: At home and abroad</p> <p>Time Frame: 1970 to present</p>	<p>Data contact information</p> <p>Contact: Mr. Li</p> <p>Telephone: 8911325676</p> <p>E-mail: datashare@seis.ac.cn</p> <p>Unit: China Earthquake Network Center</p>
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Data summary

The Global Earthquake Catalogue measured by the National Seismic Network since January 1, 1970, updated monthly

Instructions for data use

The reference refers to the following specifications: Chinese published results: The data are from the National Earthquake Science Data Center (<http://data.earthquake.cn>) of the China Earthquake Network Center, Data Sharing Infrastructure of National Earthquake Data Center (<http://data.earthquake.cn>). Acknowledgments can be made in accordance with the following guidelines: Chinese acknowledgment: "Thanks to the China Earthquake Network Center and the National Earthquake Science Data Center (<http://data.earthquake.cn>) for providing data support. Acknowledgement for the data support from "China Earthquake Networks Center, National Earthquake Data Center, (<http://data.earthquake.cn>)".

Detailed description of the data

The Global Earthquake Catalogue measured by the National Seismic Network since January 1, 1970, updated monthly

Data source

In order to respect intellectual property rights and protect the rights and interests of data authors and data service providers, data users are requested to indicate the source and author of the data in the research results (including project evaluation reports, acceptance reports, and academic papers or graduation theses, etc.) generated based on this data, and mark the content to be cited in accordance with (Data Citation Method), and submit the publicly available results to the "China Earthquake Network Center National Earthquake Science Data Center (<http://data.earthquake.cn>)". Data source references refer to the following specifications: Chinese published results: data from China Earthquake Network Center National Earthquake Science Data Center (<http://data.earthquake.cn>); Published in English: Data Sharing Infrastructure of National Earthquake Data Center (<http://data.earthquake.cn>). Acknowledgments can be made in accordance with the following guidelines: Chinese acknowledgment: "Thanks to the China Earthquake Network Center and the National Earthquake Science Data Center (<http://data.earthquake.cn>) for providing data support. Acknowledgement for the data support from "China Earthquake Networks Center, National Earthquake Data Center, (<http://data.earthquake.cn>)".

Methods of data generation or processing

Data quality description

Data citation method

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Technical support: Beijing Kailing Tongchuang Technology Co., Ltd

Figure 14: the translated English websites for CSNEq19700101T20081231.

HistoryEqT19691231 (Fig. 15):

<https://data.earthquake.cn/datashare/report.shtml?PAGEID=datasourcelist&dt=8a85efd754e7d6910154e7d691810000>

Catalogue of Historical Earthquakes in China On-site consultation

[Download online](#)

updated on 2016-12-12

5136 pieces
of data

58,515
data visits

data sharing methods
available for online download

<p>Basic information about the data</p> <p>Data Name: Catalogue of Historical Earthquakes in China</p> <p>Classification: Historical seismic data (D34000)</p> <p>Spatial Scope: nationwide</p> <p>Time Frame: 1831 BC to 1969 AD</p>	<p>Data contact information</p> <p>Contact: Mr. Li</p> <p>Telephone: 8911325676</p> <p>E-mail: datashare@seis.ac.cn</p> <p>Unit: China Earthquake Network Center</p>
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Data summary

The catalogue was edited by Gu Gongxu, and collected the destructive earthquakes that occurred in China between 1831 BC and 1969 AD ($M \geq 4.0$), with a total of 5163 catalogues.

Instructions for data use

The reference refers to the following specifications: Chinese published results: The data are from the National Earthquake Science Data Center (<http://data.earthquake.cn>) of the China Earthquake Network Center, Data Sharing Infrastructure of National Earthquake Data Center (<http://data.earthquake.cn>). Acknowledgments can be made in accordance with the following guidelines: Chinese acknowledgment: "Thanks to the China Earthquake Network Center and the National Earthquake Science Data Center (<http://data.earthquake.cn>) for providing data support. Acknowledgement for the data support from "China Earthquake Networks Center, National Earthquake Data Center, (<http://data.earthquake.cn>)".

Detailed description of the data

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Data source

National Seismological Data Center (<http://data.earthquake.cn/>)

Methods of data generation or processing

Data quality description

Data citation method

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Figure 15: the translated English websites for HistoryEqT19691231.

