A Big Earth Data Platform for Three Poles

**Information of seismic stations in the Sichuan-Yunnan region (2018-2020)**

1、Description

This data set is the information of a linear seismic array in Daliangshan area in Western Sichuan. The observation time is from december2018 to October 2020. The array is near the NE-SW trend. This array reaches the Sichuan basin to Yibin area to the east, and reaches the Yanyuan basin in Daliangshan area to the west. Each station uses Trillium posthole/horizon 120 broadband seismometer and Centaur data collector. A total of 40 seismic stations are deployed, with an average station spacing of only 10km. This array is used to collect and record high-quality seismic waveforms. Instrument maintenance and data acquisition are carried out every three months.

2、Keywords

Theme：Earthquake catalogue,seismic stations,Seismology
Discipline：Solid earth
Places：Sichuan-Yunnan region
Time：2018-2020

3、Data details

1.Scale：None

2.Projection：

3.Filesize：0.01MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：29.04 | - |
| west：101.425 | - | east：104.45 |
| - | south：27.313 | - |

5、Time frame:None--None

6、Reference method

References to data:

AI Yinshuang . Information of seismic stations in the Sichuan-Yunnan region (2018-2020). A Big Earth Data Platform for Three Poles, doi:10.11888/SolidEar.tpdc.2725962022

References to articles:

7、Supporting project information

The study on multi-scale and high-resolution structures, deformation patterns and background of large earthquakes preparation and occurrence beneath the Sichuan-Yunnan region

8、Data resource provider

name: AI Yinshuang
unit: Institute of Geology and Geophysics, CAS
email: ysai@mail.iggcas.ac.cn