A Big Earth Data Platform for Three Poles

**Seismic waveforms of global earthquakes of Mw≥7.0 recorded by stations in Himalayan area**

1、Description

The global seismic waveform data of magnitude 7 or above recorded by 10 seismic stations in the Himalaya region (from January 1, 2020 to December 31, 2020), including the name and location of stations, and the clear seismic waveform of each event filtered by the seismic event directory (the seismic directory is from USGS) to 10 stations. The waveform data is clipped to 100s before and 300s after the arrival of P wave, and the format is sac format. The header contains station information, event information, azimuth and other information. It is named in the form of "network. Station name. Channel. Component. D. year. Julian day - time. 000000. Event".

2、Keywords

Theme：Teleseismic waveform,Earthquake catalogue,Seismology,Direct P wave
Discipline：Solid earth
Places：Southeastern Tibetan Plateau
Time：2020

3、Data details

1.Scale：None

2.Projection：

3.Filesize：5.0MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：30.0 | - |
| west：93.0 | - | east：95.0 |
| - | south：28.0 | - |

5、Time frame:2019-12-31 16:00:00+00:00--2020-12-30 16:00:00+00:00

6、Reference method

References to data:

BAI Ling. Seismic waveforms of global earthquakes of Mw≥7.0 recorded by stations in Himalayan area. A Big Earth Data Platform for Three Poles, doi:10.11888/SolidEar.tpdc.2729582021

References to articles:

7、Supporting project information

Second Tibetan Plateau Scientific Expedition Program

8、Data resource provider

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