A Big Earth Data Platform for Three Poles

**Biogeochemistry and stable isotope geochemistry data of Qaidam Basin (2019-2022)**

1、Description

This data is the relevant data of biogeochemistry and stable isotope geochemistry of Qaidam Basin. This set of data is mainly based on the research means of paleontology, sedimentary strata and biogeochemistry of typical sections to explore the sedimentary, climatic and biological response of Qaidam basin to the uplift of Qinghai Tibet Plateau in Cenozoic. The data of paleontological isotope and oxygen isotope of the Dachaigou basin are the main biomarkers for the study of Paleontology in the Dachaigou basin. The preliminary research processing results show that the data quality is high

2、Keywords

Theme：Cenozoic,Stratigraphic sequence,Paleontology,Formation,Pollen,Lacustrine Sediments,Marine Sediments,Strata,Terrestrial sediment records,Carbonate,Sedimentary Record
Discipline：Palaeoenvironment,Solid earth
Places：North edge of Qaidam
Time：Cenozoic

3、Data details

1.Scale：None

2.Projection：

3.Filesize：0.38MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：39.2 | - |
| west：90.16 | - | east：99.16 |
| - | south：35.0 | - |

5、Time frame:2019-10-10 16:00:00+00:00--2022-10-31 03:59:59+00:00

6、Reference method

References to data:

YUAN Feng . Biogeochemistry and stable isotope geochemistry data of Qaidam Basin (2019-2022). A Big Earth Data Platform for Three Poles, doi:10.11888/SolidEar.tpdc.2722202022

References to articles:

7、Supporting project information

Second Tibetan Plateau Scientific Expedition Program

8、Data resource provider

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