A Big Earth Data Platform for Three Poles

**Sedimentary physicochemical indicators and typical landscape, landform and sedimentary photos of the Yarlung Zangbo River Basin (July 2019-august 2019)**

1、Description

The data are the typical landscape, geomorphology and sedimentary strata photos obtained by the thematic group in the lower reaches of Yajiang River and Niyang River Basin from July to August 2019, as well as the physical and chemical indexes of loess and river sediments, mainly including: (1) 14C sample sampling and age in the lower reaches of Niyang River; (2) Chronological results of OSL in the lower reaches of Niyang River; (3) XRF of lacustrine sediments and Langou loess in the lower reaches of Niyang River; (4) Magnetic susceptibility of Lamawan lacustrine sediments and Langou loess in the lower reaches of Niyang River; (5) Grain size of Langou loess in the lower reaches of Niyang River; (6) Elements in the lower reaches of Yarlung Zangbo River and Niyang River Basin. The photos mainly show glaciers, rivers, lakes and other landscapes, as well as landslide surface, glacier shear surface and sedimentation.

2、Keywords

Theme：folds,Geomorphological,Major elements,Trace elements,faults,neotectonics,Geochemistry,Tectonics,stratigraphic sequence,Element geochemistry,plate tectonics  
Discipline：Solid earth  
Places：The lower reaches of River Brahmaputra, Niyang river  
Time：modern

3、Data details

1.Scale：None

2.Projection：

3.Filesize：163.0MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：31.0 | - |
| west：90.0 | - | east：97.0 |
| - | south：28.0 | - |

5、Time frame:2019-07-14 16:00:00+00:00--2019-08-19 16:00:00+00:00

6、Reference method

References to data:

GAO Hongshan, CAO Bo. Sedimentary physicochemical indicators and typical landscape, landform and sedimentary photos of the Yarlung Zangbo River Basin (July 2019-august 2019). A Big Earth Data Platform for Three Poles, doi:10.11888/Geo.tpdc.2714222021

References to articles:

7、Supporting project information

Second Tibetan Plateau Scientific Expedition Program

8、Data resource provider

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