A Big Earth Data Platform for Three Poles

**Runoff and sediment data from Shigatse runoff plot in 2021**

1、Description

The runoff plot is located in Shigatse, the Tibetan Plateau. The area had a serious soil erosion and large areas of low cover vegetation. Therefore, the runoff plot was constructed to monitor the soil erosion. The runoff plot had a length of 10 m, width of 5 m and a slope of 30°。 The vegetation coverage is low. The fully automatic runoff and sediment instrument was used to measured the runoff and sediment process. The temporal resolution varies with runoff process and had a high resolution when the water level changed rapidly. The measured results can provide the data support for the soil erosion in the Tibetan Plateau.

2、Keywords

Theme：Runoff,Hydrology
Discipline：Terrestrial Surface
Places：Rikaze
Time：2021

3、Data details

1.Scale：None

2.Projection：

3.Filesize：0.03MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：29.29 | - |
| west：88.83 | - | east：88.84 |
| - | south：29.28 | - |

5、Time frame:None--None

6、Reference method

References to data:

FU Suhua . Runoff and sediment data from Shigatse runoff plot in 2021. A Big Earth Data Platform for Three Poles, doi:10.11888/Terre.tpdc.2725282022

References to articles:

7、Supporting project information

8、Data resource provider

name: FU Suhua
unit: Beijing Normal University
email: suhua@bnu.edu.cn