A Big Earth Data Platform for Three Poles

**The silicon dioxide content of snowmelt water and soil water in Hulugou small watershed (2013-2014)**

1、Description

1、 Data Description:
the data includes the content of silica in snowmelt water and soil water in hulugou small watershed from May 2013 to April 2014.
2、 Sampling location:
the sampling point of snowmelt water is located near 600m below No.2 meteorological station, with ground elevation of 3514.45m, longitude and latitude of 99 ° 53 ′ 20.655 ″ e, 38 ° 14 ′ 14.987 ″ n. The sampling point of soil water is located at 300m above and below the No.2 meteorological station, with the longitude and latitude of 99 ° 53 ′ 31.333 ″ E and 38 ° 13 ′ 50.637 ″ n.
3、 Measurement method:
the content of silica in the sample was measured by ICP-AES. Silicon dioxide is replaced by the value of Si in the solution.

2、Keywords

Theme：Soil,Soil water,Snow,Snowmelt water,Silica value
Discipline：Terrestrial Surface,Cryosphere
Places：Upper Reaches of Heihe Basin, Hulugou, Institute of cold and drought, Chinese academy of sciences
Time：2014, 2013

3、Data details

1.Scale：None

2.Projection：None

3.Filesize：0.01MB

4.Data format：EXCEL

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：38.23073 | - |
| west：99.88907 | - | east：99.89204 |
| - | south：38.2375 | - |

5、Time frame:2013-05-12 03:51:00+00:00--2014-05-10 08:00:00+00:00

6、Reference method

References to data:

SUN Ziyong. The silicon dioxide content of snowmelt water and soil water in Hulugou small watershed (2013-2014). A Big Earth Data Platform for Three Poles, doi:10.3972/heihe.001.2015.db2015

References to articles:

7、Supporting project information

Exploring snowmelt runoff processes using isotopic and hydrochemical data in Heihe River headwater catchments

8、Data resource provider

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