A Big Earth Data Platform for Three Poles

**Stream discharge observations of Hulugou small watershed (May 2013 - June 2014)**

1、Description

1、 Data Description:   
from May 2013 to July 2014, the observation frequency of automatic observation data is 1 time / 15 minutes. The solinst levellogger automatic water level gauge is used to observe the river water level, and the flow data is calculated through the water level flow curve. The actual flow observation is manually observed through the self-made flow weir (see the thumbnail). Due to the limited amount of manual observation data, further supplementary observation is needed to improve the water level discharge curve.   
2、 Sampling location:   
it is located at the outlet catchment of the alluvial delta Valley, and the south side is the shrub area. A small flow weir is built. Coordinates of observation points (99 ° 52 ′ 58 ″ e, 38 ° 14 ′ 36 ″ n)

2、Keywords

Theme：Stage height,Surface Water,Discharge/Flow  
Discipline：Terrestrial Surface  
Places：Upper Reaches of Heihe Basin, Hulugou  
Time：2014, 2013

3、Data details

1.Scale：None

2.Projection：4326

3.Filesize：0.85MB

4.Data format：EXCEL

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：38.24357 | - |
| west：99.89956 | - | east：99.89956 |
| - | south：38.24357 | - |

5、Time frame:2013-05-16 15:00:00+00:00--2014-07-20 15:00:00+00:00

6、Reference method

References to data:

SUN Ziyong. Stream discharge observations of Hulugou small watershed (May 2013 - June 2014). A Big Earth Data Platform for Three Poles, doi:10.3972/heihe.007.2015.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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