A Big Earth Data Platform for Three Poles

**Isotope dataset in Mazongshan area of Gansu province (2011-2012)**

1、Description

In this dataset samples were obtained from groundwater outcrop points and surface water points through the field hydrogeological survey of mabongshan, and the analysis data of deuterium - oxygen - 18 and tritium were obtained by sending them to the laboratory with relevant qualification.  
This dataset can obtain the isotopic information of groundwater and surface water in the research area of the project, and provide data reference for the water circulation law in the research area.

2、Keywords

Theme：Ground Water,Groundwater chemistry,Isotopes,Paleoclimate Reconstruction  
Discipline：Terrestrial Surface,Palaeoenvironment  
Places：Heihe River Basin, Mazongshan, Gansu Province  
Time：2011-2012

3、Data details

1.Scale：None

2.Projection：4326

3.Filesize：0.042MB

4.Data format：EXCEL

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：42.48 | - |
| west：97.33 | - | east：102.43 |
| - | south：37.23 | - |

5、Time frame:2012-02-10 16:00:00+00:00--2013-02-16 22:19:00+00:00

6、Reference method

References to data:

Isotope dataset in Mazongshan area of Gansu province (2011-2012). A Big Earth Data Platform for Three Poles, doi:10.3972/heihe.003.2013.db2013

References to articles:

7、Supporting project information

The Water Circulation Process of Fractured Groundwater System in Mazongshan Area and Its Hydraulic Relation with Heihe Mid-lower Stream Plaine

8、Data resource provider