A Big Earth Data Platform for Three Poles

**Geomorphic surfaces deforming along the Heihe River Basin (2012-2013)**

1、Description

The Trimble 5800 GPS was used to measure the carrier phase of the terrace surface in real time, and the elevation data of the terrace surface was obtained.The deformation characteristics and amplitude of the terrace are analyzed.The data include the deformation of landform near zhengyi gorge in the middle reaches of heihe river and the deformation of landform near yingluo gorge in the upper reaches of heihe river.

2、Keywords

Theme：Geomorphology,Landform
Discipline：Terrestrial Surface
Places：Heihe River Basin, Yingluoxia, Zhengyixia
Time：2012-2013

3、Data details

1.Scale：None

2.Projection：4326

3.Filesize：5.0MB

4.Data format：ESRI shape

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：40.0 | - |
| west：98.47 | - | east：100.15 |
| - | south：38.44 | - |

5、Time frame:2012-01-08 10:50:08+00:00--2014-01-07 10:50:08+00:00

6、Reference method

References to data:

PAN Baotian. Geomorphic surfaces deforming along the Heihe River Basin (2012-2013). A Big Earth Data Platform for Three Poles, doi:10.11888/Geogra.tpdc.2708762016

References to articles:

7、Supporting project information

8、Data resource provider

name: PAN Baotian
unit: Lanzhou University
email: panbt@lzu.edu.cn