A Big Earth Data Platform for Three Poles

**WATER: Dataset of surface roughness measurements in the Huazhaizi desert steppe foci experimental area**

1、Description

The dataset of surface roughness measurements by phototaking was obtained in the Huazhaizi desert steppe foci experimental area. Observation items included:  
 (1) Surface roughness synchronizing with ASAR and MODIS in Huazhaizi desert No. 2 plot on May 24, 2008.  
 (2) Surface roughness synchronizing with WiDAS in Huazhaizi desert No. 1 plot on May 30, 2008.  
 The self-made roughness reference board (Cold and Arid Regions Environmental and Engineering Research Institute, CAS), the digital camera and the compass were used. Sample points were selected at equal intervals along the diagonals and marked in the photos.

2、Keywords

Theme：Gravity,Surface Roughness  
Discipline：Solid earth  
Places：Heihe River Basin, Arid Region Hydrology in the Middle Reaches,   
Time：2008,

3、Data details

1.Scale：None

2.Projection：4326

3.Filesize：0.06MB

4.Data format：EXCEL

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：38.788 | - |
| west：100.289 | - | east：100.36 |
| - | south：38.734 | - |

5、Time frame:2008-06-04 16:00:00+00:00--2008-06-10 16:00:00+00:00

6、Reference method

References to data:

WANG Jianhua. WATER: Dataset of surface roughness measurements in the Huazhaizi desert steppe foci experimental area. A Big Earth Data Platform for Three Poles, doi:10.3972/water973.0184.db2013

References to articles:

7、Supporting project information

The CAS (Chinese Academy of Sciences) Action Plan for West Development Project  
National Program on Key Basic Research Project (973 Program

8、Data resource provider

name: WANG Jianhua  
unit: Cold and Arid Regions Environmental and Engineering Research Institute, Chinese Academy of Sciences  
email: jhwang@lzb.ac.cn