A Big Earth Data Platform for Three Poles

**WATER: Dateset of spectral reflectance measurements in the A'rou foci experimental area (2008)**

1、Description

The dataset of spectral reflectance measurements was obtained in the A'rou foci experimental area on Mar. 12, 2008. The land was covered with snow 10cm deep. Observed objects included snow, sandstone, grass and ice. The data were archived in the ASCII format, with the first five rows as the file header and the following two columns as wavelength (nm) and reflectance (percentage) respectively, and can be opened by .txt or wordpad. Raw data were binary files direct from ASD (by ViewSpecPro).

2、Keywords

Theme：Ground object spectral,Terrain spectrometer,Vegetation,Terrestrial Surface Remote Sensing  
Discipline：Terrestrial Surface  
Places：Heihe River Basin, the cold region hydrology experimental area in the upper reaches, A'rou flight zone  
Time：2008,

3、Data details

1.Scale：None

2.Projection：4326

3.Filesize：10.4MB

4.Data format：

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：38.078 | - |
| west：100.411 | - | east：100.55 |
| - | south：38.015 | - |

5、Time frame:2008-03-29 00:00:00+00:00--2008-03-29 00:00:00+00:00

6、Reference method

References to data:

ZHENG Yue. WATER: Dateset of spectral reflectance measurements in the A'rou foci experimental area (2008). A Big Earth Data Platform for Three Poles, doi:10.3972/water973.0021.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

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