A Big Earth Data Platform for Three Poles

**WATER: Dataset of spectral reflectance observations in the Linze grassland foci experimental area from May to Jun, 2008**

1、Description

The dataset of spectral reflectance observations was obtained in the Linze grassland foci experimental area. Spectral reflectance of the cement floor, reed, the saline field, alfalfa, barley and the pool in the reed plot A, the saline plot B, the alfalfa plot D and the barley plot E were measured by ASD and the reference board (20% and 40%).
Observation date Plot
2008-05-30 A、B、D、E
2008-06-03 B
2008-06-06 E
2008-06-15 The cement floor (the station)
2008-06-15 The alfalfa field
2008-06-15 The pool in Majuntan
2008-06-15 The cement floor in Majuntan
2008-06-16 A、B、 D、 E
 Five files on original binary data, one software file and six record forms were archived. See WATER: Dataset of setting of the sampling plots and stripes in the foci experimental area of Linze station for more information.

2、Keywords

Theme：Reflectivity,Ground object spectral,Terrain spectrometer,Vegetation,Terrestrial Surface Remote Sensing
Discipline：Terrestrial Surface
Places：Heihe River Basin, Arid Region Hydrology in the Middle Reaches,
Time：2008,

3、Data details

1.Scale：None

2.Projection：4326

3.Filesize：180.2MB

4.Data format：数字文档

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：39.268 | - |
| west：100.037 | - | east：100.095 |
| - | south：39.225 | - |

5、Time frame:2008-06-10 00:00:00+00:00--2008-06-27 00:00:00+00:00

6、Reference method

References to data:

WANG Xufeng, YU Yingjie. WATER: Dataset of spectral reflectance observations in the Linze grassland foci experimental area from May to Jun, 2008. A Big Earth Data Platform for Three Poles, doi:10.3972/water973.0079.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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