A Big Earth Data Platform for Three Poles

**WATER: Dataset of diurnal FPAR change observations in the Linze grassland foci experimental area**

1、Description

The dataset of diurnal change of FPAR observations was obtained by the quantum meter in the Linze grassland foci experimental area. Incident and reflected radiation of canopy, and land surface in reed, saline grass, alfalfa, cumin and barley were measured and diurnal changes of PAR and Fpar were also acquired. Observations were carried out:  
 In plot E (barley) and cumin field on Jun. 6, 2008; plot D (alfalfa) and plot E on Jun. 11; plot D and E on Jun. 15; plot E on Jun. 16; plot A (reed) on Jun. 20; plot B (saline) on Jun. 22; plot D and E on Jun. 23; plot B (saline) on Jun. 24; plot A and plot E on Jun. 29.  
 14 Excel files, one Word and one .TXT were archived. See Water: The dataset of setting of the sampling plots and stripes in the Linze grassland foci experimental area for more information.

2、Keywords

Theme：Photosynthesis,Emissivity,Radiation,Canopy incident radiation,Vegetation,Canopy reflected radiation  
Discipline：Atmosphere,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：0.75MB

4.Data format：EXCEL

4、Space scope

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

5、Time frame:2008-06-14 16:00:00+00:00--2008-07-07 16:00:00+00:00

6、Reference method

References to data:

NIAN Yanyun, CAO Yongpan, WANG Shuguo, LIANG Ji, HU Xiaoli, WU Yueru, CHAO Zhenhua, GE Chunmei, WANG Xufeng, LI Xiaoyu, HUANG Chunlin. WATER: Dataset of diurnal FPAR change observations in the Linze grassland foci experimental area. A Big Earth Data Platform for Three Poles, doi:10.3972/water973.0077.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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