A Big Earth Data Platform for Three Poles

**WATER: Dataset of canopy structure and biophysical parameter measurements in the Linze grassland foci experimental area**

1、Description

The dataset of canopy structure and biophysical parameter measurements was obtained in the Linze grassland foci experimental area. Detailed information was as follows:  
{|   
!Observation item   
!observation time   
!plot   
|-   
 | The leaf angle || 2008-06-24 || E   
|-   
 | The leaf angle || 2008-06-29 || A E   
|-  
 | Vegetation biomass || 2008-06-18 || A D E  
 |-  
 | Vegetation biomass || 2008-06-24 || A E   
|-   
 | Vegetation biomass || 2008-06-29 || A E   
|-   
 | Plant height || 2008-05-26 || A D E   
|-   
 | Plant height || 2008-06-14 || B   
|-   
 | LAI || 2008-05-28 || E   
|-   
 | LAI || 2008-06-05 || E   
|-   
 | LAI || 2008-06-06 || A   
|-  
 | LAI || 2008-06-11 || A   
|-   
 | LAI || 2008-06-18 || D E  
 |-   
 | Coverage || 2008-5-27 || subplots (30m) in A, D and E   
 |-   
 | Coverage || 2008-5-26、27 || plots (360m) in D and E  
 |-   
 | Coverage || 2008-6-14 || plots (360m) in B  
|-   
 |}  
 Data were archived in Excel and txt file.  
 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：Leaf area index,Vegetation,Biomass,Vegetation cover,Vegetation structure  
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：368.9MB

4.Data format：EXCEL

4、Space scope

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

5、Time frame:2008-06-05 16:00:00+00:00--2008-07-09 16:00:00+00:00

6、Reference method

References to data:

NIAN Yanyun, WANG Jing, CAO Yongpan, WANG Shuguo, HU Xiaoli, WU Yueru, CHAO Zhenhua, WANG Xufeng, GE Chunmei, LI Xiaoyu, HUANG Chunlin. WATER: Dataset of canopy structure and biophysical parameter measurements in the Linze grassland foci experimental area. A Big Earth Data Platform for Three Poles, doi:10.3972/water973.0080.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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