A Big Earth Data Platform for Three Poles

**Field LAI dataset in the Heihe River basin (2011)**

1、Description

The dataset is Lai data of ground sample points in Heihe River Basin, collected by LAI-2000 canopy analyzer. The collection area is located in Zhangye rural demonstration base, Ejina Banner, Jiuquan Satellite Center (2011) and other areas. The main measured vegetation is corn. The Lai value of maize was obtained by using lai2000, and the observation was repeated twice in the mode of one up four down. Cd202 was used to obtain the leaf area of each leaf of maize plant, and three maize plants were collected.

2、Keywords

Theme：Leaf area index,Vegetation
Discipline：Terrestrial Surface
Places：Heihe River Basin
Time：2011

3、Data details

1.Scale：1

2.Projection：4326

3.Filesize：0.02MB

4.Data format：xls

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：42.3314 | - |
| west：100.356 | - | east：101.242 |
| - | south：38.8391 | - |

5、Time frame:2011-08-07 14:15:00+00:00--2011-08-14 14:15:00+00:00

6、Reference method

References to data:

Field LAI dataset in the Heihe River basin (2011). A Big Earth Data Platform for Three Poles, doi:10.3972/heihe.109.2014.db2015

References to articles:

Liao, Y. , Fan, W. , & Xu, X. . (2013). Algorithm of leaf area index product for HJ-CCD over Heihe River Basin. IGARSS 2013 - 2013 IEEE International Geoscience and Remote Sensing Symposium. IEEE.

7、Supporting project information

8、Data resource provider