A Big Earth Data Platform for Three Poles

**FAPAR field measured datasets in Heihe basin (2011)**

1、Description

This data includes the fAPAR and Lai data collected in 2011. The acquisition equipment is SunScan and LAI-2000. Among them, fAPAR measures 4 times of spread value. The sampling points are located in Zhangye agricultural demonstration base on July 30, 2011, next to national highway 312 in Ejina banner on August 4, sandaoqiao in Ejina banner on August 5 and Jiuquan Satellite Launch Center on August 6, 2011. Around Zhangye from July 4 to July 15, 2012.

2、Keywords

Theme：Photosynthetically active radiation,Leaf area index,Vegetation  
Discipline：Terrestrial Surface  
Places：Heihe River Basin, Zhangye, Ejinaqi, Jiuquan  
Time：2011

3、Data details

1.Scale：250000

2.Projection：None

3.Filesize：0.03MB

4.Data format：xls

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：41.9815 | - |
| west：100.476 | - | east：101.115 |
| - | south：38.8391 | - |

5、Time frame:2011-08-10 13:00:00+00:00--2011-08-16 20:37:00+00:00

6、Reference method

References to data:

FAPAR field measured datasets in Heihe basin (2011). A Big Earth Data Platform for Three Poles, doi:10.3972/heihe.085.2014.db2015

References to articles:

Fan, W. , Liu, Y. , Xu, X. , Chen, G. , & Zhang, B. . (2014). A new fapar analytical model based on the law of energy conservation: a case study in china. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 7(9), 3945-3955.

7、Supporting project information

8、Data resource provider