A Big Earth Data Platform for Three Poles

**HiWATER: ASTER dataset**

1、Description

This dataset includes 12 scenes, covering the artificial oasis eco-hydrology experimental area of the Heihe River Basin, which were acquired on (yy-mm-dd) 2012-05-30, 2012-06-15, 2012-06-24, 2012-07-10, 2012-08-02, 2012-08-11, 2012-08-18, 2012-08-27, 2012-09-03, 2012-09-12, 2012-09-19, 2012-09-28.  
The data were all acquired around 12:00 (BJT) at Level 1A, i.e., without atmospheric and geometric correction.  
ASTER dataset was purchased from Japan Aerospace Exploration Agency (JAXA).

2、Keywords

Theme：Satelite images,Terrestrial Surface Remote Sensing,Other images  
Discipline：Terrestrial Surface  
Places：Heihe River Basin, the artificial oasis experimental area in the middle reaches  
Time：2012-08-18, 2012-08-11, 2012-09-03, 2012-07-10, 2012-09-12, 2012-09-28, 2012, 2012-05-30, 2012-06-24, 2012-09-19, 2012-08-02, 2012-08-27, 2012-06-15

3、Data details

1.Scale：None

2.Projection：4326

3.Filesize：4403.2MB

4.Data format：数字影像

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：42.7 | - |
| west：97.1 | - | east：102.0 |
| - | south：37.7 | - |

5、Time frame:2012-06-06 09:48:00+00:00--2012-10-05 09:48:00+00:00

6、Reference method

References to data:

Japan Aerospace Exploration Agency (JAXA). HiWATER: ASTER dataset. A Big Earth Data Platform for Three Poles, 2013

References to articles:

7、Supporting project information

"Heihe Watershed Allied Telemetry Experimental Research (HiWATER)  
Heihe Watershed Allied Telemetry Experimental Research (HiWATER)  
National High-tech R&D Program of China (863 Program)

8、Data resource provider

name: Japan Aerospace Exploration Agency (JAXA)  
unit: Japan Aerospace Exploration Agency (JAXA)  
email: 无