A Big Earth Data Platform for Three Poles

**Heihe integrated remote sensing joint experiment: ASTER Remote Sensing Data Set (2007-2008)**

1、Description

ASTER data in 2007 and 2008 are 15 scenes, covering the whole Heihe River Basin.   
Acquisition time: 2007-10-22 (1 scene), 2007-11-14 (1 scene), 2007-11-23 (1 scene), 2007-12-04 (1 scene), 2008-01-28 (1 scene), 2008-02-13 (1 scene), 2008-05-03 (4 scenes), 2008-05-05 (1 scene), 2008-05-17 (1 scene), 2008-06-04 (2 scenes), 2008-06-13 (1 scene).   
The product level is L1B, which has been calibrated by radiation and geometry.   
The ASTER Remote sensing data set of Heihe integrated remote sensing joint experiment was obtained from NASA's data website (https://wist.echo.nasa.gov/) through international cooperation.

2、Keywords

Theme：Remote Sensing Technology,Visible remote sensing  
Discipline：Remote Sensing Technology  
Places：Heihe River Basin, Forest and Hydrology Experimental Areas, Arid Region Hydrology in the Middle Reaches, the cold region hydrology experimental area in the upper reaches  
Time：2007, 2008

3、Data details

1.Scale：None

2.Projection：4326

3.Filesize：5721.6MB

4.Data format：

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：42.685 | - |
| west：97.399 | - | east：102.125 |
| - | south：37.683 | - |

5、Time frame:2007-11-07 09:00:00+00:00--2008-06-29 06:18:00+00:00

6、Reference method

References to data:

National Aeronautics and Space Administration. Heihe integrated remote sensing joint experiment: ASTER Remote Sensing Data Set (2007-2008). A Big Earth Data Platform for Three Poles, 2010

References to articles:

刘艳, 王锦地, 周红敏, 薛华柱. 黑河中游试验区不同分辨率LAI数据处理、分析和尺度转换. 遥感技术与应用, 2010, 25(6): 805-813.

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

name: National Aeronautics and Space Administration  
unit: National Aeronautics and Space Administration  
email: NONE